May/June 2013
Volume 29 Issue 3

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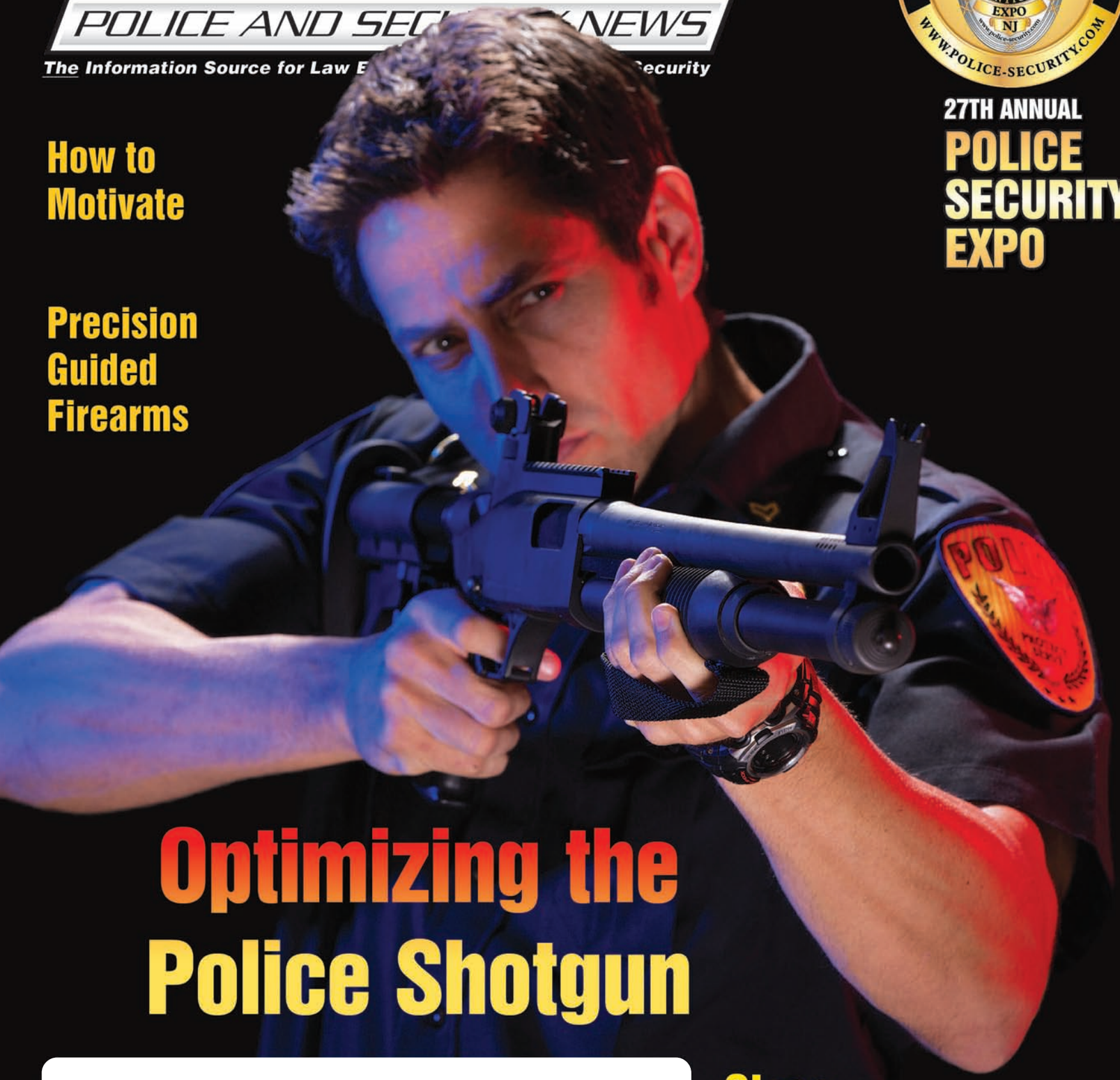

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Focus On Technology

Police Vehicles and Accessories

New Tactical Lockbox

Tuffy Security Products has introduced a **tactical lockbox**, ideal for securing an 870 shotgun, M-4 rifle and tactical body armor which has been completely outfitted. The innovative design allows the **lockbox** to be secured to the vehicle by a cable lock system; it does not require a separate padlock and can be released in seconds to transfer the **lockbox** between vehicles.

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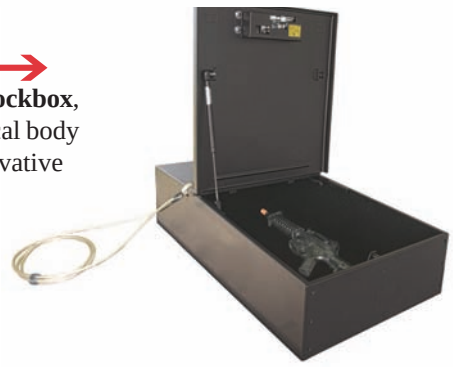

New Patrol Vehicle Harness

The **Integrator Level 2 Patrol Vehicle Harness**, from MNSTAR Technologies, is designed for regular marked patrol, Special Service SUVs and federal law enforcement vehicles. The product provides a common architecture to the entire patrol fleet, regardless of make or model of vehicle. By utilizing the same standards, wire colors, and circuit identification found in all MNSTAR law enforcement products, this **Harness** combines fleet-wide uniformity with an adaptable design.

The **Integrator Level 2 Patrol Vehicle Harness** is available in either front, mid-ship or rear battery layouts and features a single centralized fuse panel in the rear of the vehicle.

Circle 3006 for More Information

New LED Perimeter Lighting

SoundOff Signal recently introduced a full-line, tricolor family of perimeter lighting products – **nForce™ LED Perimeter Lighting**. Incorporating dynamic angles, crisp edges and sleek silhouettes, **nForce**'s broad offering includes surface, deck/grille, windshield and recessed mount options. It can be specified in either a six, nine or twelve LED solid or split LED color(s) or in an extremely intense 18 tricolor configuration. Steady on white scene lighting can be synced with the lightbar.

Circle 3005 for More Information

New Mount for Tablets

For the many police departments selecting tablets as a viable, convenient, and cost saving option, RAM Mounts offers a number of tablet mounting alternatives, including some with and without sleeves; heavy-duty protective cases; and locking and docking versions of the iPad®. These include the **Roto-View™ Adapter Plate**, the easy to use interface for a tablet which makes for a user-friendly experience – portrait or landscape – while on the go.

Circle 3007 for More Information

New Steering Wheel Interface Module

Recently, Code 3®, Inc. announced the release of the **Z3-SWIF**, a Ford PI Sedan and Utility Steering Wheel Interface Module. The **SWIF** interface module connects to the Z3 control head, allowing you to easily program each one of the four customizable auxiliary control buttons on the steering wheel to provide any lightbar or siren function. Roughly the size of a credit card, the **SWIF** can be installed virtually anywhere in the vehicle. It also comes with two additional inputs which can be used for other remote switching capabilities.

Circle 3008 for More Information

New LED Lightbar

The **Legacy™ All LED Lightbar**, from Whelen Engineering, offers 360° of contiguous light with attention demanding new flash patterns, in solid and Duo™ color models. A rugged, two-piece slide on dome and a sealed single center divider seal all internal components from the weather. Included are integrated alley and warning modules, while adjustable takedown and alley lights are available.

Circle 3009 for More Information

Next Generation of Prisoner Transport Seats

The new **TPO** (Thermoplastic PolyOlefin) **Seating Systems**, from Setina Mfg. Co., Inc., are easily installed with a precision fit right over the vehicle's existing seat. There is no longer the expensive need to remove and store the factory seat. The advanced design also provides the ability to retain the factory seat belt location or the flexibility to change your seat belt location to latch on the outside using factory seat belt parts. The **TPO Seat and Floor Plan** encloses and "saves" the factory seat and it is ideal for contraband control and for easy biohazard clean up.

Circle 3010 for More Information

New Video System for Motorcycles and More

The ***DV-440Ultra***, from Digital Ally, is a highly rugged, all weather video system entirely housed within a single controller with an integrated 3.5" monitor. Recordings can be triggered manually, remotely and automatically. The system offers high quality video, prevent recording, detailed metadata, redundant recording, integrated wireless transfer, back office software options, is easy to operate, and more.

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New Side Handle Docking Station

Gamber-Johnson recently introduced a new side handle **MAG™ Dock for the Getac B300** computer. Using a one-piece magnesium chassis which enhances its overall strength and performance, the **MAG Dock for the Getac B300** features an easy to activate side docking handle and is ergonomically designed with a wide grip and smoother docking activation. The **MAG Dock for Getac B300** has one Ethernet, four USB, two serial, microphone, VGA, mouse/keyboard and headphone ports.

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New Cargo Mount

TROY PRODUCTS has introduced cargo products for the Ford Utility Interceptor; all offer 100% use of cargo space with the spare tire left in place. A hinged **cargo mount** easily lifts for hands-free access to the spare tire; two gas springs support the **mount** which will also accommodate two additional gas springs for enhanced loads. A gun box and an electronics tray can be installed without drilling. The **mount** is compatible with TROY's cargo cage; the cargo mount, cage, gun box, and tray work in a civilian Explorer.

Circle 3013 for More Information

New Interceptor Seats

The **new 2013 Ford Interceptor rear seats**, from Aedec, offer more legroom, more headroom and unmatched storage space. Both the Sedan and the SUV are available in factory seat belt or center belting configurations for maximum prisoner security and officer safety. The molded in arm channels work with Aedec's patented Pro-Straint® system to reduce mobility and liability. The SUV Seat comes with an integrated metal rear partition screen (a clear polycarbonate window is offered as an upgrade) which takes up zero storage space.

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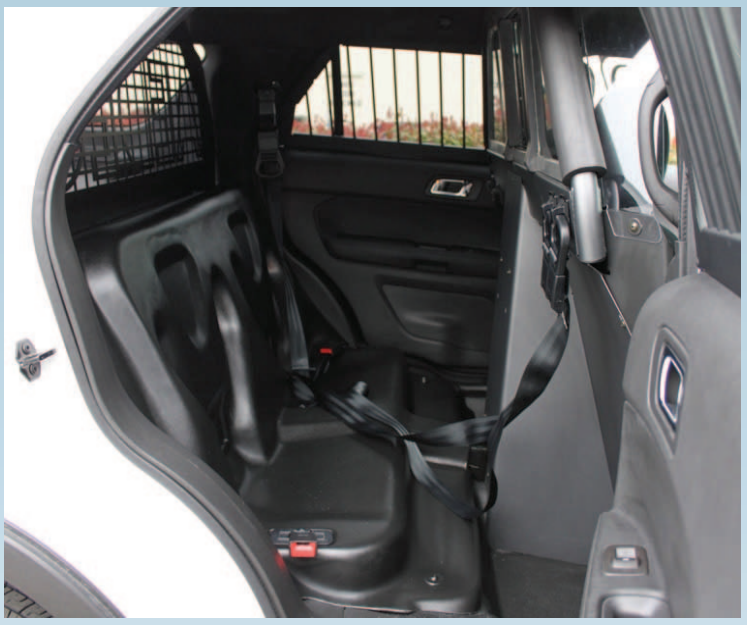

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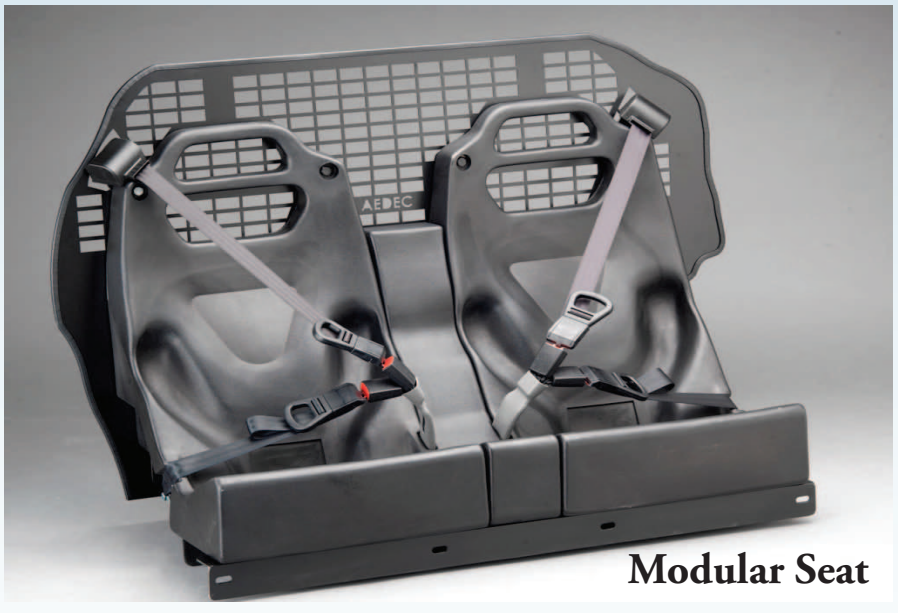

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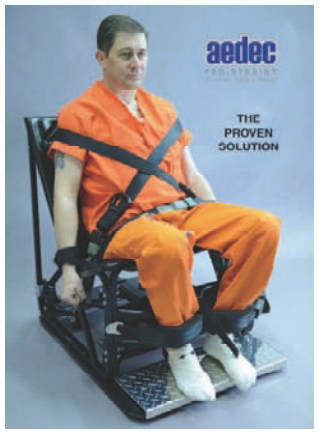

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Ramesh Nyberg

HAVE WE ENTERED "THE ERA OF THE SUSPICIOUS PACKAGE"?

See something, say something.

27-year-old Erik Nyberg was a block and a half away from completing his errand – returning something to a store he had bought a couple of days before.

"It sounded like a couple of transformers blew, Dad," he told me on the phone initially. No, I thought, blown transformers don't interrupt radio shows with breaking news and cause dads to call their sons in Boston to see if they are okay.

"But, then," he went on, "I realized it was something worse. The windows rattled in the storefronts I was walking past and, ten seconds later, after the second explosion, a bunch of people came around the corner, running towards me. I knew something bad was around the corner so I ran with them." The errand he never finished was just a few hundred yards from the Boston Marathon finish line.

A few days later, in a neighborhood just a short walk away from my son's apartment, Dzhokar Tsarnaev was taken into custody.

Terror is such a bizarre thing for us Americans to get our hands around. Even with terrorism being a national buzzword for the last 12 years, we are still awed to the point of near disbelief that people could kill so indiscriminately. We are not Baghdad or Kabul where car bombs go off at least once a week, usually killing upwards of 20 people each time. We are a people who value human life so much that we would go to *Private Ryan*-type lengths to save one person and keep a family line intact.

This type of carnage is *not* a part of our everyday psyche, nor should it be. We do, however, need to acknowledge terrorism as a new reality and something we all need to be more vigilant about. Because of our freedoms and because of the openness of our society, we've got to get citizens onboard to help law enforcement. This type of change of mind-set is not an easy task. People want to go to the park, to the stadium and to amusement parks without having to look twice when someone puts down a bag or a backpack. We don't want to think about the strange looking passenger at the airport, because we've been made to feel guilty for even thinking he is strange looking.

We've had our human instincts – the stuff which makes the hair on your neck stand up because you sense something is wrong – hijacked by a strangely powerful movement which has forced political correctness down our throats and given us a "tolerance" pill in its place.

Last night, my wife and I watched a movie called *The Attacks of 26/11*, a true to life account of the November 26, 2008, terrorist attacks in Mumbai, India, by Islamic radical group Lashkar-e-Taiba. The film is a brutal, bloody chronicle of that horrifying account which ended with the murders of 164 people, including many women, children, and hospital patients. Another 308 were wounded. Unlike the instantaneous and massive death events of September 11, many of the victims of 26/11 cowered under tables and behind pillars and were executed at point-blank range. The police in India were horribly ill equipped (those who *were* armed at all were carrying revolvers and WWI era rifles) and had no training whatsoever in handling large, in progress crimes. They are familiar with handling crowds and protests, but have basically done so by dropping off a van full of cops armed with with large sticks called *lathis*. Forget platoon formations and field force tactics. It's more like a large-scale version of "Whack-A-Mole." Many of the cops who saw the terrorists gunning down commuters with AK-47s in Mumbai's crowded CST train station literally ran the other way. The movie is told through the voice of Mumbai's police commissioner. As he hears dozens of citizen reports coming in a chaotic police headquarters, he calls the governor, saying, "I don't know what to do."

In contrast, we have the best trained civilian police departments in the world. We have the highest of high-tech equipment, some of which was put to use during the now famous arrest. We are no better than Mumbai, however, at predicting where and when the next terrorist chooses to attack. The Tsarnaev brothers had been on the radar at one

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point. They were contacted by the FBI. At least two of the September 11th hijackers had been on our country's terrorism "watch list." Heck, Lee Harvey Oswald had been interviewed by the Bureau just a couple of weeks before the JFK assassination for his ties to anti-American communist organizations, and they *knew* he worked at the Texas school depository building (but that one really *is* another story).

The point is, we can't have federal agents following red flagged suspects every hour of every day. For the criminal working in the U.S., it really doesn't take much to wait for that sliver of opportunity and make a move (especially if you don't care about dying to attain your goal). We are back to that age-old argument of how much policing and watching we want done, versus how many Boston Marathon-like attacks we are willing to endure.

I told my students that North Korea has no terrorist attacks – ever. But, would you want to live there? (They had just seen a documentary called "Inside North Korea," and the answer was immediate and unanimous). I had them get into groups and come up with police tactics or new laws designed to prevent attacks like Boston. I gathered a separate group of students to listen to all the groups, and then criticize them based on the Constitution. Several groups wanted to implement drones to patrol and watch (with HD cameras) all major events like the Boston Marathon, Super Bowls, etc. The drones, however, would have to sit in a hangar otherwise and not be used by police for "routine" patrol. One group came up with "random checks" of citizens, anywhere in the U.S., at any time, for personal ID. Yes, he came under extreme fire from my review panel! What resulted from all this was some of the liveliest and most passionate exchanges and arguments we had ever had in that classroom.

"Why do you *do* this to us, Mr. Nyberg?" one girl lamented.

"Mr. Nyberg, this was *awesome*. Let's do more," another student said, smiling.

I loved both remarks. And, yes, there will be more.

You all, I told them, have to decide in what kind of society you want to live. Shrugging is not an option.

Nor is it for us. Passing on the torch to this generation requires us to instruct the younger ranks. Don't leave it for the schools to do. Don't assume they'll "get it" because they are all wired in to information. They are wired in, but it's mostly for entertainment. On the InstaGram and Twitter accounts across the globe, teenagers are mostly saying things like, "Hear about Boston?" "Yeah, that sucks." Let's get them to dig deeper than that.

The onus remains with law enforcement and parents to encourage vigilance and communication. I was dismayed to discover that the Miami-Dade Police Department's Twitter account was being used to transmit cool pictures of things like the ships at the Port of Miami, the last shuttle launch, and other such images. I was expecting tweets about what the department was doing, if there were big cases coming up for trial; encouragement to use CrimeStoppers; and what educational resources the Department was providing for citizens. We're missing out on the capabilities of a valuable tool.

Our population is growing; terrorists are taking root everywhere; and our society is not going to get much more restrictive when it comes to curtailing civil rights so we need every tool we can get, starting with our own eyes and ears.

About the Author: Ramesh Nyberg retired from law enforcement in November 2006. He spent 27 years in police work in South Florida, 22 of those years in homicide as an investigator. He has taught homicide investigations and interview/interrogations at the local police academy. He now teaches criminal justice classes at a Legal Affairs Academy program in a magnet high school in Miami. His students frequently read the copies of Police and Security News *he brings to the classroom.*

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Michael Carpenter

HOW TO ENERGIZE THOSE AROUND YOU

What are the best practices for motivating the people you supervise?

Police officers are highly trained observers of people. They can read body language, subtle voice changes, and, of course, the "attitude" of a suspect. They combine their years of training and experiences to anticipate problems, protect themselves, investigate crimes and arrest criminals.

As a police supervisor at any rank, you should use those same skills to effectively motivate the people you supervise. Without properly observing, listening and talking with each individual in your unit or squad or detail, you can't find out what will truly motivate them to do a good job for you and your department.

Some employees need constant praise, while others want to be left alone to do their jobs. Some have a strong need to be liked by their peers, while others need to achieve above average arrests or other statistics to be happy employees. As a supervisor at any rank, you must determine what each employee's needs are and then do everything within your power and authority to fill his/her needs.

Most employees can be motivated to do a good job when you take the time to treat them as individuals and you find out what particular combination of the following they need.

The Need for Power

At any rank, some law enforcement officers gain great satisfaction from directing and controlling the work and actions of others. They like to make decisions and lead and influence others.

Do what you can to give them the opportunities to direct projects and make decisions. For example, assign a police officer as a field training officer or assign a senior officer as an acting shift supervisor or some other position of authority to help satisfy his/her need for power.

The Need for Equity

Some employees have a great need to be sure that they are being treated fairly. They will compare salaries, overtime, special assignments and privileges to those of other officers inside and outside of your unit.

As a supervisor, you should already be treating everyone in your unit fairly, but be especially aware that these employees may need reassurance that they are being treated as fairly as everyone else. For example, some employees will always take an overtime assignment while others may always refuse. Knowing this, it is still fair to put "the bid" for overtime out to all employees and not just automatically give it to the officer who you know will always take it.

The Need for Recognition

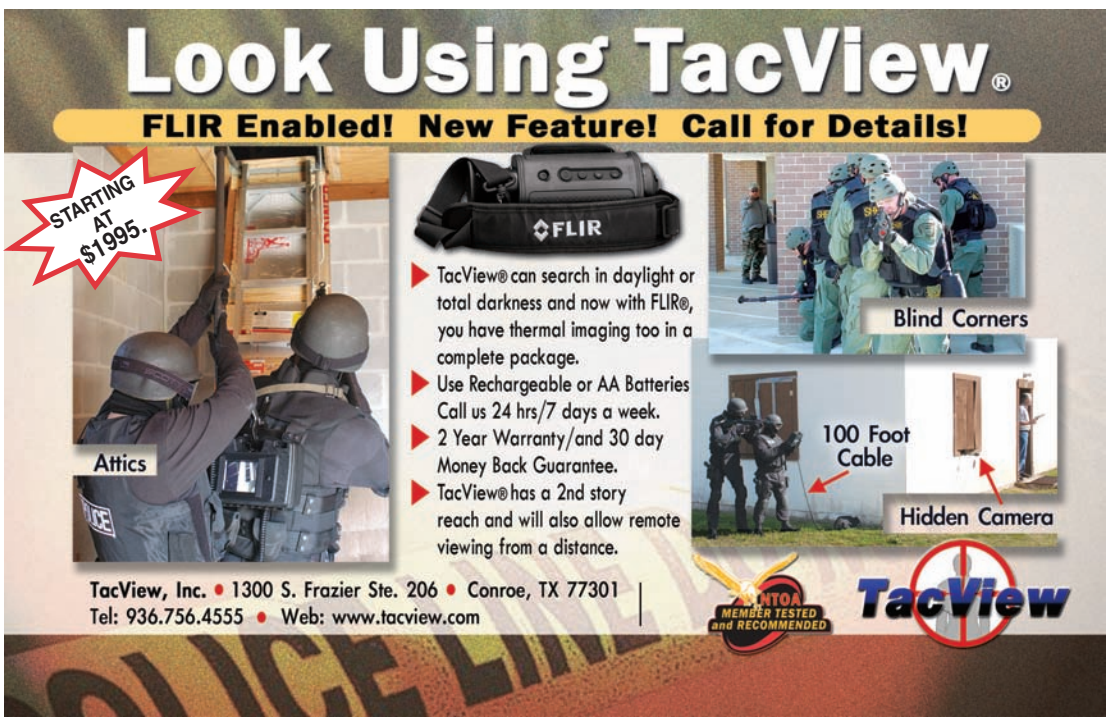
Some employees need a great deal of praise and recognition for jobs well done. They want public recognition, verbal and written commendations and a general "pat on the back."

Provide all of your people with praise and recognition, but pay special attention to these people's needs. It may take some time and thought on your part, but it can pay big dividends in increased performance from this type of individual. I've found that the *One Minute Manager* works very well with all employees, but especially those who need more recognition than others.

The Need for Freedom

When an officer is very capable, knowledgeable and really wants to do the job, they really don't need much supervisory guidance.

Give them the autonomy and freedom to do the job. Oversupervising (micromanaging) will deflate these types of employees faster than sticking a pin in a balloon. (Take a minute to review something called "situational leadership" – it works!)



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The Need for Security

Some employees come into law enforcement for the basic security and benefits associated with a public service job. Their top priorities are to provide for their family and to go home safely at the end of their shift. They will only do what is necessary to get the job done and nothing beyond. (Abraham Maslow was right with his "hierarchy of needs.")

Recognize that this type of individual is not a risk taker. They are not necessarily lazy...they just have a different level of motivation and expectation than a gung ho, high-energy, type A employee. To maximize the performance from this type of employee, perhaps you can assign him/her to a position where the physical risks will be minimal and, perhaps, to a more administrative or support type position. They will be happy with the relative security of such a position and you will get maximum performance with fewer headaches. Save the high risk assignments for the officers who really want them.

The Need for Affiliation

Some officers enjoy the social aspects of the workplace. They derive great satisfaction from talking and interacting with others. They really enjoy other people, whether it is the public or their fellow employees.

Motivate them by giving them assignments where they can interact with others. Let them naturally exercise their personalities for the benefit of all.

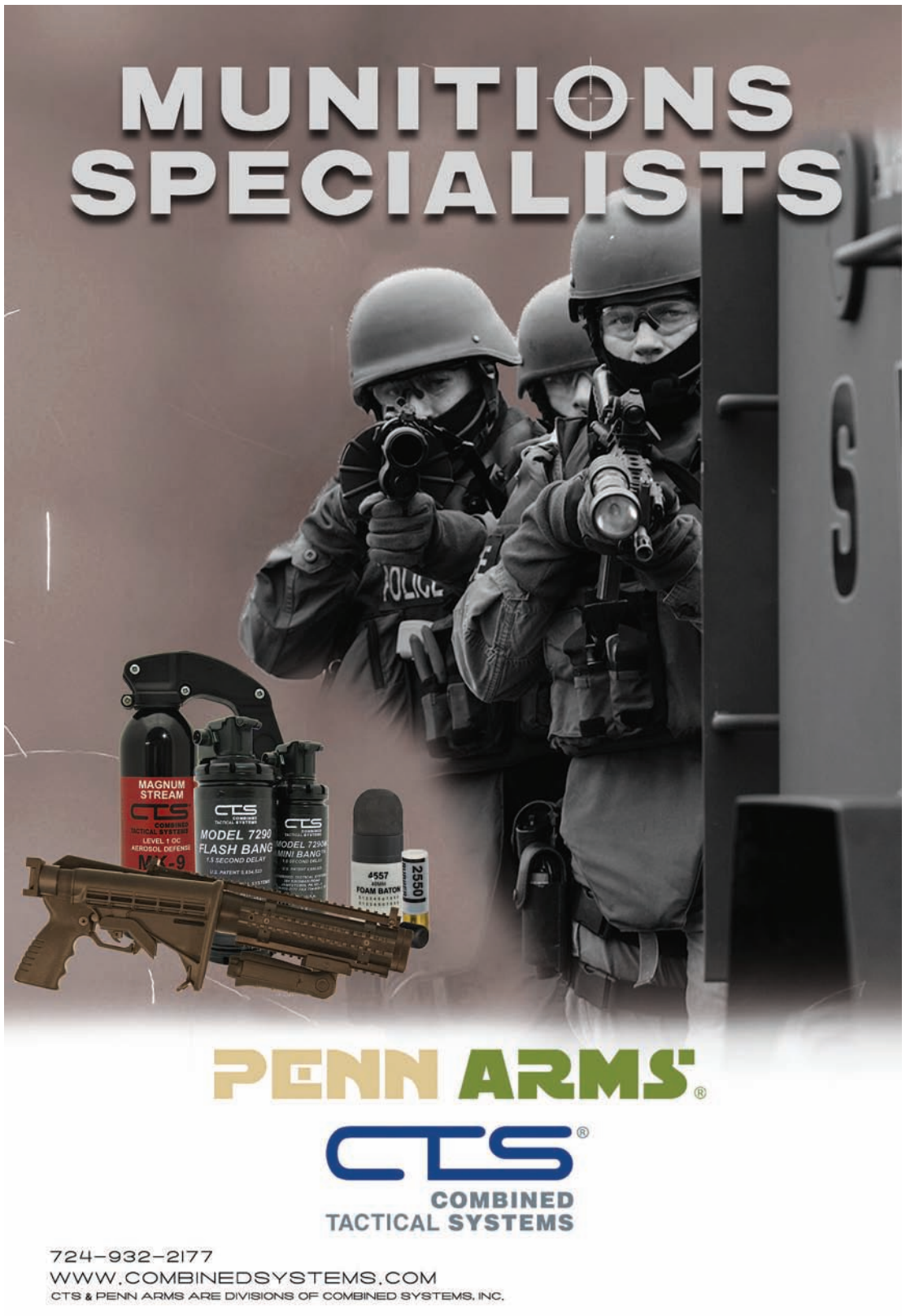
The Need to Achieve

Some individuals are self-motivating and thoroughly enjoy challenging assignments. They want to use their knowledge and expertise to solve the current challenges before them and then they will look for the next challenging assignment. These types of employees look for work. They want to do above and beyond what is expected of the average employee.

Supervisors would do well to delegate tasks or create meaningful assignments to keep these types of employees motivated. Provide them with challenging assignments and remove any obstructions that get in their way and they will consistently produce good work for you, your unit and the department.

Motivating who you have requires you to observe, listen and get to know every individual in your unit. Once you "see" what the needs of your people are, you can start filling their needs for better results from them. That, in turn, will allow them to maximize their efforts to fulfill your needs. That's good for them, your unit and your department.

About the Author: Mike Carpenter has been on the police side of criminal justice for more than 25 years. He started out as a city cop and then went to a state police agency (trooper, detective and patrol sergeant). After that, he worked for the New York State Police Division of Criminal Justice as a police training specialist. Currently, he teaches criminal justice courses at a college in upstate New York. He has two master's degrees; has been a certified police trainer for more than 20 years; has written numerous articles; and operates a police management consulting business (www.policemanagement.com).



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Larry E. Holtz, Esq.

DETAINING INCIDENT TO SEARCH WARRANT EXECUTION

In *Bailey v. United States* (US 2013), the U.S. Supreme Court held that the categorical authority to detain a person "incident to the execution of a search warrant must be limited to the immediate vicinity of the premises to be searched."

The Case: At 8:45 p.m., local police obtained a warrant to search a residence for a .380 caliber handgun. A confidential informant reported that he observed the gun when he was at the apartment to purchase drugs from "a heavyset black male with short hair" known as "Polo."

As officers began preparations for executing the warrant, two detectives were conducting surveillance in an unmarked car outside the residence. About 9:56 p.m., the detectives observed two men – later identified as defendant Chunon Bailey and Bryant Middleton – leave the target premises and enter a car parked in the driveway. "Both matched the general physical description of 'Polo' provided by the informant. There was no indication that the men were aware of the officers' presence or had any knowledge of the impending search. The detectives watched the car leave the driveway. They waited for it to go a few hundred yards down the street and followed." Meanwhile, the search team executed the search warrant at the apartment.

The detectives followed Bailey's car for about a mile before pulling the vehicle over in a parking lot by a fire station. "They ordered Bailey and Middleton out of the car and did a pat down search of both men. The officers found no weapons, but discovered a ring of keys in Bailey's pocket." The keys ultimately linked Bailey to the target residence. The detectives placed both men in handcuffs and advised them that they were "being detained incident to the execution of a search warrant."

By the time the group returned to the target premises, "the search team had discovered a gun and drugs in plain view inside the apartment. Bailey and Middleton were placed under arrest, and Bailey's keys were seized incident to the arrest."

Bailey moved to suppress the apartment key and the statements he made when stopped by the detectives, arguing that the evidence was the fruit of an unreasonable seizure. In this appeal, *the United States Supreme Court agreed*.

The Law: In *Michigan v. Summers*, 452 *U.S.* 692 (1981), the Court set forth a rule permitting officers "executing a search warrant 'to detain the occupants of the premises while a proper search is conducted.' " The officer's "authority to detain incident to a search is categorical; it does not depend on the 'quantum of proof justifying detention or the extent of the intrusion to be imposed by the seizure.' "

In *Summers* and other similar cases, the occupants detained were found within or immediately outside the residence at the moment the police officers executed the search warrant. Here, however, Bailey left the apartment before the search began; and the police officers waited to detain him until he was almost a mile away. *Thus, Bailey was far beyond the "immediate vicinity" of the premises being searched.*

In *Summers*, the Court recognized "three important law enforcement interests that, taken together, justify the detention of an occupant who is on the premises during the execution of a search warrant." These include: (1) officer safety; (2) facilitating the orderly completion of the search; and (3) preventing flight.

According to the Court, "of the three law enforcement interests identified to justify the detention in Summers, none applies with the same or similar force to the detention of recent occupants beyond the immediate vicinity of the premises to be searched. * * * ***The categorical authority to detain incident to the execution of a search warrant must be limited to the immediate vicinity of the premises to be searched."***

Clearly, when "law enforcement officers execute a search warrant, safety considerations require that they secure the premises, which may include detaining current occupants. By taking 'unquestioned command of the situation,' the officers can search without fear that occupants, who are on the premises and able to observe the course of the search, will become disruptive, dangerous, or otherwise frustrate the search."

In this case, "Bailey had left the premises, apparently without knowledge of the search. He posed little risk to the officers at the scene. If Bailey had rushed back to his apartment, the police could have apprehended and detained him under *Summers*. There is no established principle, however, that allows the arrest of anyone away from the premises who is likely to return."

"In *Summers*, the Court recognized the authority to detain occupants incident to the execution of a search warrant not only in light of the law enforcement interests at stake, but also because the intrusion on personal liberty was limited. The Court held detention of a current occupant 'represents only an incremental intrusion on personal liberty when the search of a home has been authorized by a valid warrant.' Because the detention occurs in the individual's own home, it could add only minimally to the public stigma associated with the search itself and would involve neither the inconvenience nor the indignity associated with a compelled visit to the police station."

In this case, the detention "was more intrusive than a usual detention at the search scene. Bailey's car was stopped; he was ordered to step out and was detained in full public view; he was handcuffed, transported in a marked patrol car, and

detained further outside the apartment. These facts illustrate that detention away from a premises where police are already present often will be more intrusive than detentions at the scene."

Accordingly, the Court held that a "spatial constraint defined by the immediate vicinity of the premises to be searched is therefore required for detentions incident to the execution of a search warrant. * * * Limiting the rule in *Summers* to the area in which an occupant poses a real threat to the safe and efficient execution of a search warrant ensures that the scope of the detention incident to a search is confined to its underlying justification." Here, Bailey was detained at a point beyond any reasonable understanding of the immediate vicinity of the premises in question. In closer cases however, "courts can consider a number of factors to

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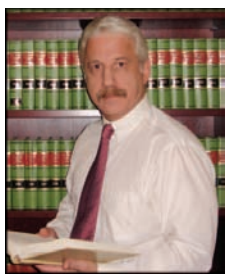
determine whether an occupant was detained within the immediate vicinity of the premises to be searched, including the lawful limits of the premises, whether the occupant was within the line of sight of his dwelling, the ease of reentry from the occupant's location, and other relevant factors."

"If officers elect to defer the detention until the suspect or departing occupant leaves the immediate vicinity, the lawfulness of detention is controlled by other standards, including, of course, a brief stop for questioning based on reasonable suspicion under *Terry* or an arrest based on probable cause. A suspect's particular actions in leaving the scene, including whether he appears to be armed or fleeing with the evidence sought, and any information the officers acquire from those who are conducting the search, including information that incriminating evidence has been discovered, will bear, of course, on the lawfulness of a later stop or detention." For example, had the search team radioed the detectives about the gun and drugs discovered at the target premises as they stopped Bailey and Middleton, this may have provided them with probable cause for an arrest.

Significantly, the question in this case "is whether *Summers* applies at all. It applies only to seizures of "occupants" – that is, persons within "the immediate vicinity of the premises to be searched." Bailey was seized a mile away. Ergo, *Summers* cannot sanction Bailey's detention. It really is that simple." Thus, officers need only ask one question to determine whether *Summers* applies: "Was the person seized within 'the immediate vicinity of the premises' to be searched?"

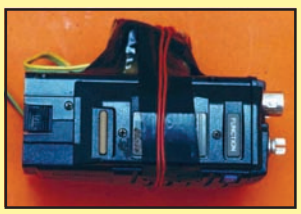


About the Author: Larry E. Holtz is the C.E.O. and Executive Director of Police Training for Holtz Learning Centers, Ltd. He has served as a Detective Sergeant with the Atlantic City, New Jersey, Police Department; a Deputy Attorney General for the state of New Jersey; and an Assistant County Prosecutor. Mr. Holtz is a certified police trainer and teaches on a regular basis in police training academies in New Jersey and Pennsylvania.

He is a member of the bar in New Jersey, Pennsylvania, and the District of Columbia, and is admitted to practice before the federal bar in the District of New Jersey and the Third Circuit.

No Absolute Defense Against IEDs

NEWS



Americans accustomed to rigorous security procedures since the 9/11 attacks may have to endure new measures after the Boston Marathon bombings, but experts told *McClatchy* Newspapers that no amount of extra precautions can guarantee absolute safety from a determined terrorist.

Among those quoted by *McClatchy* Newspapers is Dennis Pluchinsky, a former senior State Department terrorism analyst: "There is no way that people who run in marathons or people who go to baseball stadiums can be assured that they will be protected from IEDs (Improvised Explosive Devices) 100 percent of the time. Terrorists will always find some holes, some gap (in security) to take advantage of."

The complete article can be found at **http://tinyurl.com/cx2c9tf**.

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Walt Rauch

THE NEW WALTHER PPQ M2

Either on or off duty, this is an excellent defensive handgun.

If the new polymer frame Walther Model PPQ M2® (Police Pistol Quick Defense) looks familiar, it should. Its form, fit, function and finish is an outgrowth from the Walther P99®.

The PPQ M2 differs from the modern PP in trigger function in that, after the chamber is loaded, it has a "constant trigger pull" (Walther's terminology). Translated, this means its striker is fully cocked. The PPQ M2 lacks a double-action mode.

As to how this trigger pull performs, Walther certainly is understating the effect of it, saying it "....make(s) it very easy to shoot accurately." The trigger movement is short after the initial take-up, as is the reset of the striker for the next shot. After the initial shot, the "press to bang" movement is really short! In my range work, with three other shooters also on the gun, the PPQ M2 is simply a pleasure to shoot. Using a Chatillon trigger pull gauge, my sample's trigger pull weight measures a shade over five pounds, close to what the Walther specifications call for at 5.6 pounds.

A Keeper

The PPQ M2 is also one accurate pistol! We all had great groups. Referring to the trigger pull, one asked, "Is that out of the box?" The other noted, "Great trigger!" and "This gun can shoot!" My first five shots using 147-grain JFP COR®BON Performance Match ammo had three rounds in a one inch ragged hole, with the last two making it a final +/- 1.5" five shot cluster, similar to the accompanying factory test fire target. Using the same ammo, one of the guys shot a fist-sized cluster in the head box of a Warren IDPA Tactical Training Target, one-handed and standing. The other shooter duplicated this using 115-grain JRN Remington® training ammo, but used two hands to do so. With the PPQ M2, if you're not shooting well, you are not shooting well. It's not the gun or the ammo. By the way, the PPQ M2 is rated for +P, but not +P+ loads.

As for the PPQ M2 proper, for me, it's a comfortable pistol to hold, manipulate and shoot. The slightly ramped and grooved front sight and the square notch rear sight use the three white-dot system. Curiously, this time, the white dots didn't interfere with my precision shooting. (I usually black them out.) The front sight is elevation adjustable

The PPQ M2® is a shooter, with the author's 1.5" five shot group at 20 yards (lower target). The top target is from Walther and is also 1.5" for five shots, but at 15 meters.

by using replacement sights of varying heights which are an optional purchase. Windage changes are done on the rear sight by using the click adjustable, slotted, right side mounted screw in its base. Removal instructions are provided in the very thorough instruction manual.

Features

The top of the slide is longitudinally grooved between the front and rear sights. Forward leaning and widely spaced grasping grooves are front and rear on the slide. The wide spacing helps keep the usually narrow grooves from abrading clothing and holster or collecting debris. A spring-loaded and beefy extractor is located at the center right rear of the large ejection port. When the chamber is loaded, the rear of the extractor is depressed into the slide, exposing a red rectangle. These, then, give visual or tactile notice of the chamber's status.

Internally, the slide contains the barrel and recoil spring. The latter is captive on a polymer guide rod. The rear end cap is colored blue and the front end cap is rounded and black in color. A passive firing pin safety is just to the rear of the breech face. Worth noting is the fact that the cartridge pick-up rail is stepped, with a narrow rail on the top

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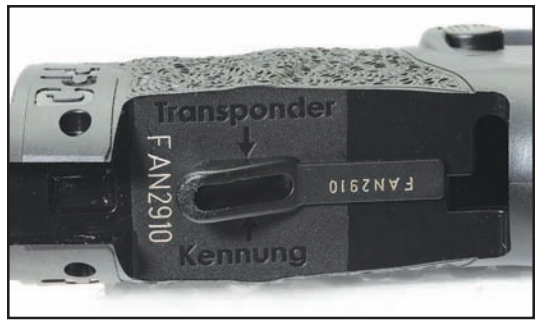
Right side view of the Walther PPQ M2®

Three backstraps – sized small, medium and large – are supplied.



This slot is marked "transformer" and "KENNUNG" (identifier) for RFID or GPS type cards.

right side of its larger body. I think this is done to help prevent the rail tip from striking a live primer when unloading or when clearing malfunctions. This thinner part is also beveled on its top and outboard area. It is certainly worthwhile!

Personalize It

The magazine catch with a grooved head is at the left rear of the trigger guard and is reversible, with detailed instructions for doing so in the manual. The catch is partially protected from accidental depression by a molded ridge extending rearward on either side of the frame. The ridge can also serve as a thumb rest. The polymer frame has finger grooves on its front strap and a rather unique combination of half circle ridges and raised dots afford a solid, but not "grabby," surface treatment in the normal gripping areas, including the changeable backstrap. Three of these are included – sizes small, medium and large – with the medium size preinstalled. One shooter made mention of how high a grip he could take thanks to the shape of the medium backstrap. The largest backstrap also extends up to the top of the frame.

To change from one to another, you drive out the roll pin which is at the lower rear of the grip. Since this is a roll pin, be sure to use a proper-sized roll pin punch. The backstraps are notched at their bottom rear which allows the retaining pin to also serve as an attaching point for a lanyard. The base of the backstrap overhangs the magazine, providing an aid to inserting the magazine.

Removing the backstrap insert disclosed an open and raised slot on the inner wall of the frame. Marked on the left side of the slot is "transponder" and on the right side is "kennung" – translated, this is "identifier." The slot appears to allow a computer card to be used for location, inventory and loss prevention identification.

The ample-sized trigger guard has a vertical – squared off – front face which is horizontally grooved for those who favor using the guard with a two-handed grip. The curved and smooth faced trigger has an also curved center part which is one of two drop safeties. The other is within the slide and prevents the firing pin from snapping forward

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The Picatinny rail easily accepted SureFire®, ITI and Streamlight® lights.

if the gun is dropped on its forward face. A projection on the trigger bar neutralizes this when the trigger is completely pulled.

Mounting Rail

The dustcover has a MIL-STD-1913 (Picatinny) accessory mounting rail on which I easily installed and removed SureFire® and ITI lights, along with a LaserMax laser.

The long, ambidextrous slide stop lever is grooved for two thirds of its length, including the projecting portion which is normally used to operate the lever. Forward of this is the takedown crossbar (more on this in disassembly description). The pistol is serial numbered on the slide, barrel and at the top rear of the frame. This last number is on the metal body containing the trigger and other parts of the operating system. It is visible through a window in the frame.

Novel stippling covers the gun's gripping surfaces. The front strap has modest finger grooves.

Two metal body 15 round magazines having orange colored polymer followers and black polymer removable base plates are furnished, along with a sturdy magazine loader. Cartridge witness holes numbered "4" to "15" are on the rear wall of the magazine body. While the instruction manual mentions a +2 base plate, this is not listed on the Walther USA Web site.

Disassembly of the PPQ M2 is simple and follows that of similar – and familiar to many – polymer handguns. After insuring the pistol is empty, dry fire it, then push or pull down the ample and grooved takedown latch and, while holding it in this position, push the slide forward and off of the

frame rails. Compress the captive recoil spring and remove; then the barrel can be lifted out and to the rear of the slide. Reassemble it in the reverse order.

Bottom Line

In review, the Walther PPQ M2 lacks any annoying sharp edges and is simple to operate. And, with the gripping area designed as it is, the gun's "feel" is second to none. In fact, one of the shooters commented, "My hand seems to naturally take a good shooting grip." In addition, the single-action striker trigger is close to the best of – if not the best of – any of the striker-fired triggers I've pressed. And, two of my "helpers," who are top

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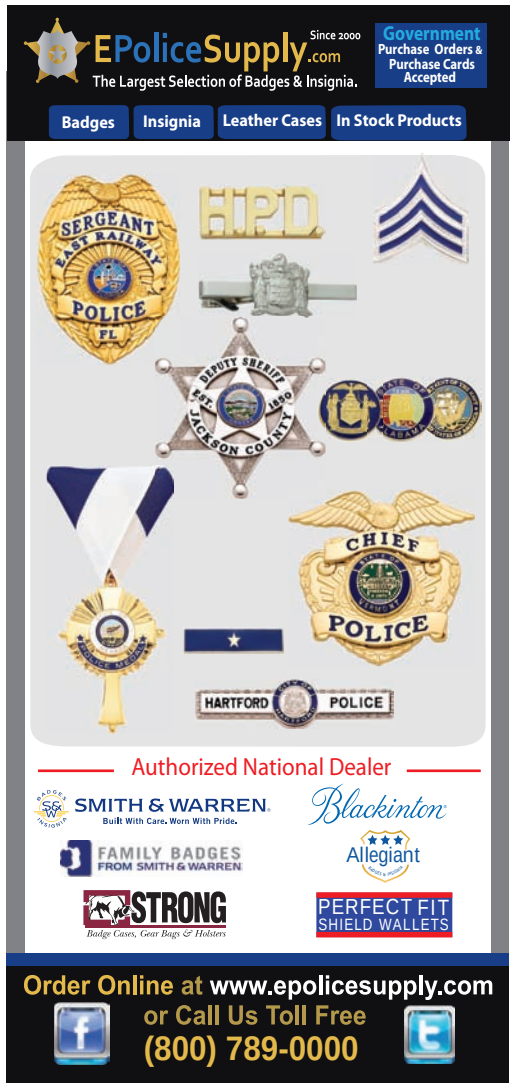

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rated in action shooting competitions, agree!

If the PPQ M2 lies within an organization's or your personal requirements and limits – with an MSRP ranging from $599 to $699 – it's worth a long, hard look. As a new model, albeit developed from the well tested and accepted Model P99, it lacks extensive end user testing and abuse, but, from what I experienced, the PPQ M2 will be more than satisfactory!

For more information, contact Walther Arms, Inc., 7700 Chad Colley Boulevard, Fort Smith, AR 72916; phone (479)242-8500; or visit the Web site at **www.waltherarms.com**.

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About the Author: Upon receiving his BS degree from Carnegie Tech and completing service as a Special Agent in U.S. Army Intelligence, Walt Rauch was a Special Agent with the U.S. Secret Service and an Investigator with the Warrant Unit, First Judicial District, PA.

Rauch is also a writer and lecturer in the firearms field. He is published regularly in national and international publications.

CHRONOGRAPH RESULTS

The following data was obtained using a Pro Chrony® chronograph at 300 feet above sea level with a temperature of 55 degrees. Pistol used was the Walther PPQ M2® with a four inch barrel. The five shot groups were fired standing using a two-handed grip at 20 yards.

Ammunition	Velocity	Standard Deviation
COR®BON Performance Match 147-gr. FPMC	905 fps	11.0
Remington® UMC 115-gr. FMJ	1055 fps	14.0
Winchester® Personal Protection 147-gr. JHP	973 fps	6.9

WALTHER PPQ M2®
Technical Specifications

Caliber: 9x9mm
Magazine capacity: 15 rounds
Barrel length: 4"
Overall length: 7.1"
Overall height: 5.3"
Width: 1.3"
Weight unloaded: 1.4 pounds
Sights: Fixed front sight, click adjustable "notch" rear
Sight radius: 6.1"
Safeties: Three (automatic)
Weight: 1.5 pounds with magazine; without magazine, 1.4 pounds
Frame: Polymer
Grip circumference: 5.3" with medium backstrap; small and large backstraps included
Features: Picatinny/mil-STD-1913 rail on dustcover
Operation: Single-action
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MSRP: $599 to $699

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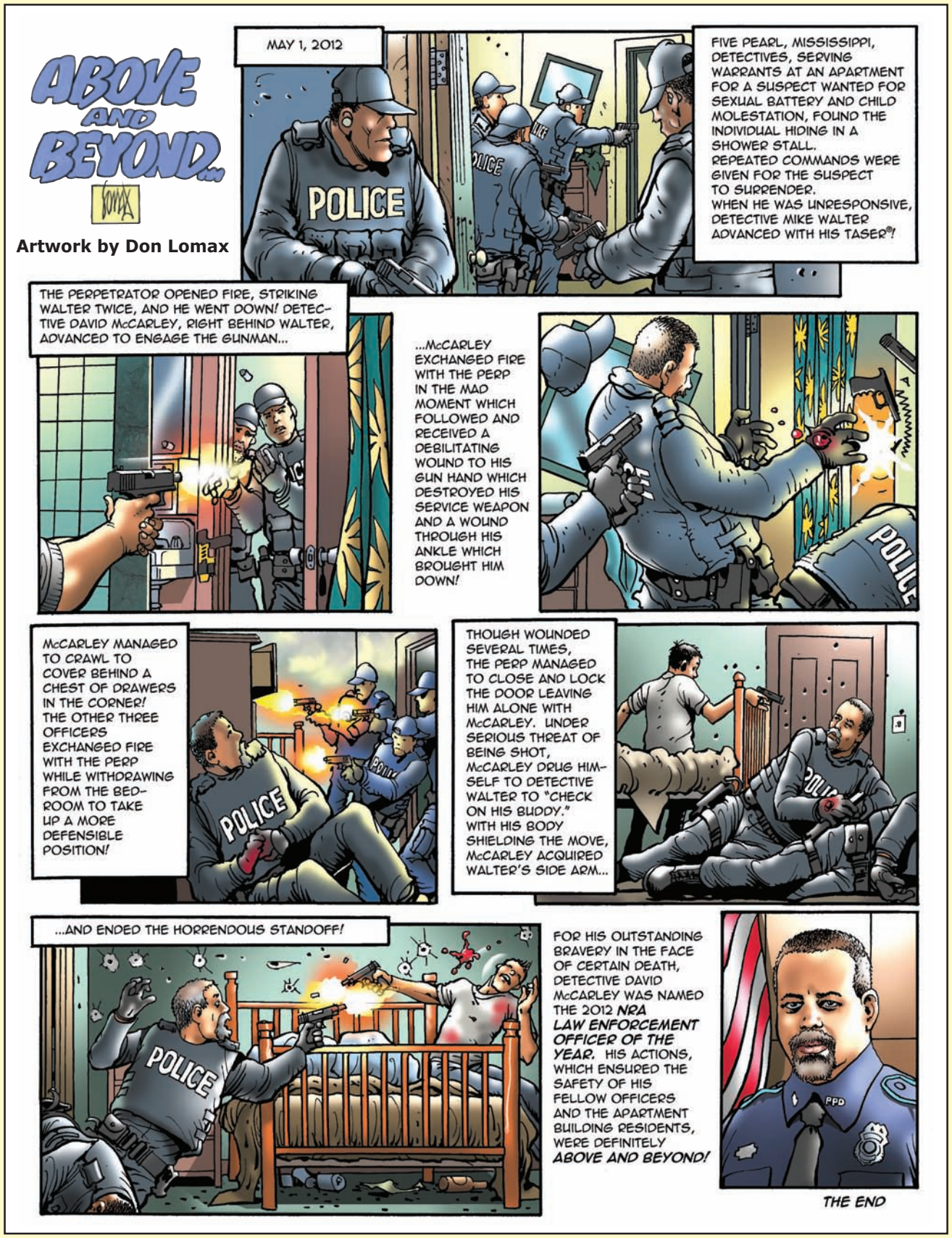
"Above and Beyond..." salutes Detective David McCarley of the Pearl, MS, Police Department



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Please direct all submissions and/or questions to:
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2012 NRA Law Enforcement Officer of the Year

Detective David McCarley
City of Pearl Mississippi Police Department

On May 1st, 2012, a group of Pearl Mississippi Police Department detectives arrived at an apartment in order to serve search and arrest warrants for a suspect wanted for sexual battery and child molestation. After no answer to knocks at the door they announced themselves, entered, and began a slow and methodical search for persons inside. As they reached the master bedroom, they found the suspect hiding in the shower area separated by a wall from the main bathroom. After the suspect repeatedly ignored commands to come out and give up peacefully, Detective Mike Walter decided to attempt to use his less-lethal TASER to safely apprehend the suspect. As he leaned into the bathroom to discharge the TASER the suspect darted out from behind the wall and began firing a handgun. The gunman's first two shots struck Detective Walter in the face and neck and he fell to the floor. The gunman then turned and fired on another officer, Detective David McCarley, with the first round striking him in the right hand as he was bringing his handgun sights to bear on the gunman. The round almost severed his middle finger and destroyed his duty handgun. The next round entered his leg just above the ankle and went completely through his leg. Despite being shot twice and bleeding profusely, Detective McCarley managed to move to the corner of the bedroom and pull a chest of drawers in front of him to use as cover. At the same time, other detectives returned fire while withdrawing to cover outside the bedroom.

The apartment was now a hellish scene with bullet holes in the walls, a thick curtain of gunsmoke hung in the air and because of the noise from the volume of gunfire in the small enclosed area almost everyone was temporarily deaf. Despite being shot, the gunman forced the bedroom door closed and barricaded himself inside with the two gunshot detectives.

After a few minutes, the wounded gunman, now sitting at the foot of the bed, partially regained his senses and took aim at Detective McCarley after he saw that he was still alive in the corner of the bedroom. Even though wounded and under the threat of immediate death, Detective McCarley calmly managed to begin a dialogue with the shooter and assured him that a surrender resolution was still a possibility. The gunman's attention became distracted from Detective McCarley because he was trying to look at responding officers outside the bedroom window and by the abandoned police radios blaring on the bedroom floor. Detective McCarley saw the gunman's distraction as an opportunity to begin moving inch by inch towards his fallen comrade in order to give him aid.

The shooter, realizing that Detective McCarley had almost made it across the room, began screaming at him and threatened to kill him. Detective McCarley managed to convince the suspect that he only wanted to check on his wounded friend. Fortunately, the gunman was distracted again by officers outside the apartment and the scream of sirens from responding emergency vehicles, so Detective McCarley decided to risk his own safety and, once again, began to move toward the wounded detective. When he reached him, there were no vital signs and Detective McCarley knew his friend's only chance to survive depended on his ability to receive immediate medical attention. He also found that Detective Walter's handgun was still in his holster.

As time passed, the gunman became more distracted and outraged by the responding officers outside the apartment and the detectives just outside the bedroom door. Taking full advantage of the gunman's distraction, Detective McCarley moved his body in an attempt to block the shooter's view and pretended to render first aid to the fallen detective while actually easing his friend's handgun from the holster using his severely injured gun hand. Although he managed to successfully draw the handgun, he knew it would be impossible to grip and fire the gun with his normal shooting hand since it had been shot and would have to use his support hand instead. Despite the fact that the shooter continued to glance at him every few seconds Detective McCarley was able to slowly move the pistol onto his partner's chest and rotate it enough in order to get the handgun into his support hand.

Using his last bit of energy and willpower, Detective McCarley whirled around and began to shoot at the gunman. Seeing the rapid movement in his peripheral vision the gunman turned and also fired but one of Detective McCarley's rounds struck the gunman squarely in the head and the gunman fell dead.

Detective McCarley then called out to the detectives outside the bedroom, who rushed in, secured the scene, and rendered immediate medical assistance. Although CPR started Detective Walter's heart again, he tragically passed away shortly after being airlifted to the trauma center. Detective McCarley has since returned to duty, but continues to undergo reconstructive hand surgery and physical therapy.

Detective McCarley willingly took grave risk to his own life in order to aid his fallen comrade. His ability to remain cool headed and to form a tactical plan that quickly ended the gunman's actions ensured the safety of both his fellow officers and the apartment building's residents. His heroic actions under stressful and confusing circumstances is a credit to him, his department, and the community he serves and are in keeping with the highest traditions of law enforcement. As such, it is with great honor and pride that the National Rifle Association names Detective David McCarley, of the City of Pearl Mississippi Police Department, as the 2012 NRA Law Enforcement Officer of the Year.

Scan this code with your smartphone or tablet to get more information about the NRA Law Enforcement Officer of the Year recognition.

Forms for nominating candidates for the NRA Law Enforcement Officer of the Year Award may be downloaded at http://le.nra.org/documents/pdf/law/leoy.pdf.

For more information about NRA's Law Enforcement Officer of the Year Award and its Law Enforcement Division, call (703) 267-1632 or send an e-mail to LE@nrahq.org.

Product Highlight

Law Enforcement Footwear

DANNER®

The black **Tachyon** tactical boot, weighing 26 ounces per pair, features a durable, lightweight construction. A fully rubberized outsole with pentagonal lugs, combined with additional abrasion resistance in the toe cap, provides greater surface contact and wear life. A synthetic ultralight upper material allows for quick drying time, while a speed lace fastening system and brass hardware ensure a secure fit.

Circle 3042 for More Information

ORIGINAL S.W.A.T.®

The **Metro Air 5" WP Side-Zip** is a five inch duty boot for both men and women law enforcement professionals. This mid-cut boot is built on a specific last for men, as well as one for women, and is offered in a full-size range for each. It's constructed with a full waterproof bootie, side zipper, and an air cell in the midsole for long-term comfort.

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UNDER ARMOUR®

UA has designed its first boot for America's finest, the **Alegent**. Using UA's exclusive Spine® technology, the **Alegent** provides outstanding support with rugged, lightweight performance and features an aggressive tread pattern, a punctureproof insole and an OrthoLite® sock liner for superior comfort and breathability. It is available in desert sand, multi-cam, and sage green.

Circle 3044 for More Information

TIMBERLAND PRO®

The Timberland PRO VALOR™ Series features a variety of styles designed to meet the needs of all first responders. The **Newmarket Pursuit Oxford** is designed with an athletic inspired Vibram® outsole which is slip-, oil- and abrasion-resistant to help maneuver variable terrain. It also features Dynamic Anti-Fatigue™ technology which absorbs shock with each step, while returning energy back to the foot in key zones for all-day standing comfort and support.

Circle 3045 for More Information

ORIGINAL S.W.A.T.®

The **Chase Waterproof** is an all leather boot which is comfort crafted to perform under the most severe conditions. Equipped with a full waterproof bootie, a TecTuff abrasion-resistant heel and toe, and a highly slip-resistant Chase outsole, this tactical boot is durable and confident. The **Chase Waterproof** is engineered to perform in the most demanding conditions for professional operators looking for the most performance, technology, and value in their uniform footwear.

Circle 3046 for More Information

WEINBRENNER SHOE CO.

The **GEN-flex Tactical Series** of boots combine premium materials with an exclusive net fit flexible welt construction for maximum comfort.

Some of its features include a high-density polyurethane removable foot bed; an interactive Visible Gell System; a GEN-flex oil and slip resisting rubber outsole with a multidirectional traction lug design; and an anti-roll bar heel support.

Circle 3047 for More Information

TRU-SPEC®

The **Tactical Side Zipper Boot**, for on and off duty activities, is available in both black and tan; has a slipguard rubber sole; quick drying lining; and MIL-SPEC stitching; along with a shock-absorbing outsole and midsole and a removable cushion insole. Rustproof metal speedlace eyelets and a rustproof zipper with a hook and loop tab offer a secure, snug fit.

Circle 3048 for More Information

ORIGINAL S.W.A.T.®

With comfort like no other, the **WinX2 8" Safety** tactical boot brings together the best of safety and value. With an ASTM certified composite toe for ultimate lightweight protection, durable quiet rubber outsole, and foam padded collar, this boot will keep you comfortable all shift long.

The **WinX2 8" Safety** boot features a durable, nonmarking rubber outsole; electrical hazard protection; a stitched heel for durability; a custom fit EVA midsole; and a gusseted tongue to keep out dirt and debris.

Circle 3049 for More Information

NEWS

NYPD Smartphone App Allows Officers to Check Criminal Histories

The New York Police Department has distributed about 400 dedicated Android smartphones to its officers, part of a pilot program begun quietly last summer, reports *The New York Times*. According to the news article shared on the NYPD Facebook page, the phones, which cannot make or receive calls, enable officers on foot patrol, for the first time, to look up a person's criminal history and verify their identification by quickly gaining access to computerized arrest files, police photographs, and state Department of Motor Vehicles databases.

The technology offers extraordinary levels of detail about an individual, including whether the person has ever been "a passenger in a motor vehicle accident," a victim of a crime or in one instance, a drug suspect who has been known by the police to hide crack cocaine "in his left sock," according to an officer who is quoted in the article.

To read the complete report in *The New York Times*, go to **http://tinyurl.com/cq7xuw4**.

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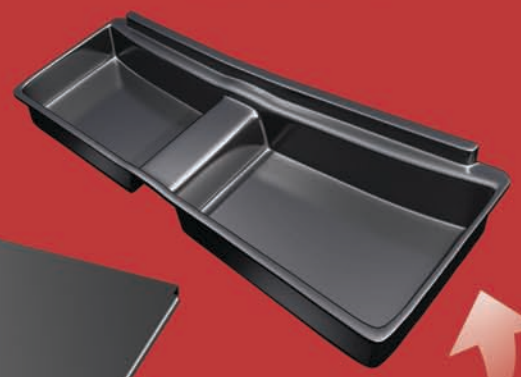

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CUSTOMIZE YOUR FLEET FOR MAXIMUM EFFICIENCY AND SAVINGS

Many departments can save real money by planning their fleet and picking the right vehicle for the job it will perform.

For most departments, the fleet is the second largest expenditure in the yearly budget, second only to personnel costs. We are going to explore ways you can save real money by planning your fleet using a task specific methodology; i.e., picking the right vehicle for the job it will perform.

We should preface this column by saying it is geared for medium to large multi-precinct agencies which have separate traffic, administrative, and investigative elements, as well as specialized units such as SWAT, gang units, etc. This commentary is also aimed at agencies which maintain their own fleet garage facilities.

We don't forget about smaller agencies here at *P&SN* and several recent articles have pointed out ways they, too, can save money because of the wide variety of police vehicles never available before – sedans, SUVs, 2WD, 4WD, AWD, FWD, RWD, V-6s and V-8s. It's imperative that agencies of all sizes plan purchases which match their patrol area, road surfaces and climate.

For example, the Benton County, AR, Sheriff's Office covers a variety of areas, including small to mid-size cities, a large lake and rural farmland. For city and highway patrol, they currently use Dodge Chargers, while the rural roads are patrolled with Dodge Ram pickups. On order, however, is the first installment of Chevy Tahoes which will eventually replace the entire fleet with vehicles which will give the fleet a more uniform appearance and are capable of performing all of the facets of patrol – even pursuits.

State Bids

When planning your next fleet, it's time to think way outside the box and, in many cases, it's time to retire the antiquated "state bid" thinking. State bids used to be a great way for small departments to save money by being able to purchase cruisers at, or near, the same price as the large state agencies. Unfortunately, most state agencies specify the vehicles which meet their needs best and they might not be the best choice for a city or county department. Sometimes, state bids even exclude some police vehicles by the state's specific requirements, such as specifying only V-8s or RWD sedans. Now, with the plethora of choices available, it's almost impossible to negotiate state bids for every different vehicle available in a given year.

There are departments which have negotiated prices equal to (or better than) the state bid for their state and ended up with the vehicles of their choice. Johnson, AR, checked Arkansas Dodge dealers selling 2009 Chargers at the Arkansas state bid price first, but a Chicago area dealer was able to beat that price significantly. An added bonus was that the officers who were to be assigned the cars (all take-home units) drove them back from Chicago, providing them the invaluable opportunity to familiarize themselves with the vehicle's handling and performance before "hitting the streets."

Don't confuse state bids with fleet pricing which is set by the manufacturer. Most dealerships will sell at fleet prices, so shop locally whenever you can.

Special Vehicles for Special Needs

To design the ultimate police fleet, you might try this simple exercise. Armed with your department's organizational chart, prepare three vertical columns. The first column will list every element, or unit, of your department which requires

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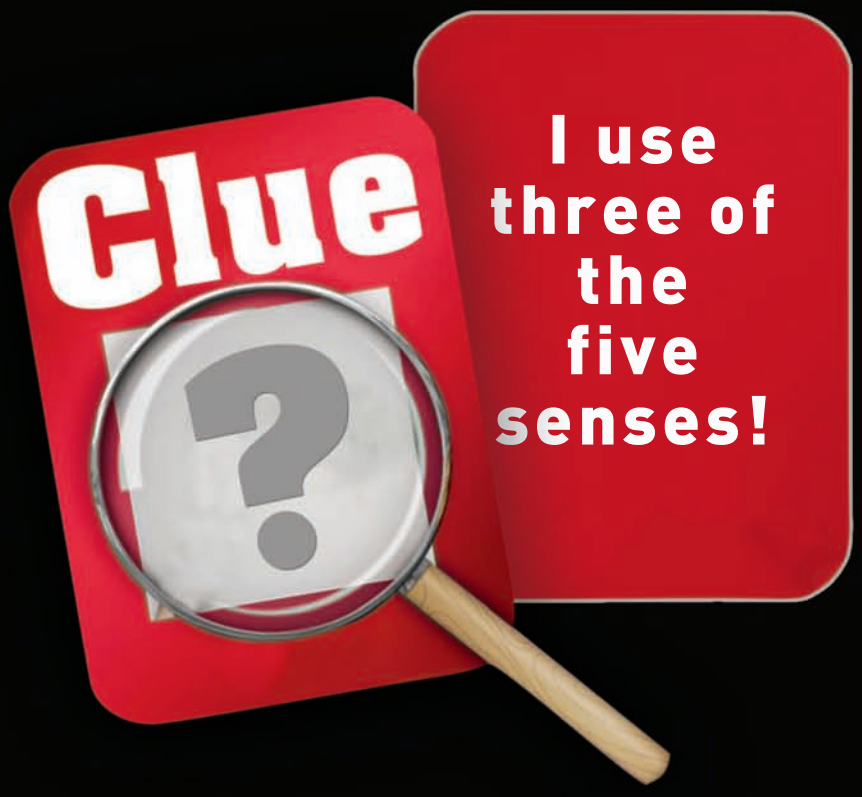

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Rules and Live Announcement link can be found on facebook.com/code3inc or www.code3pse.com

a vehicle, followed by the number of vehicles required for each. Note: If your agency provides take-home units, this number will fluctuate greatly. For my model, I have indicated take-home units by "TH" and only figured them for personnel which, historically, have a 24 hour response.

The second column will list the type of activity/duty for each function and, most importantly, if an emergency response or pursuit capability is required, it is indicated with an asterisk (*).

In the third column, you can list the type of vehicle you believe to be ideal for that function. You can list one or more choices, if you like.

Okay, using this chart, here's how you can save money. You really don't have any options (other than brand choice) for the vehicles shown as Police Sedan or SUV (*) and the Prisoner Van is a special unit, too. Either one can be purchased from several dealers available or one can be custom-built by your own garage. The vehicles I've marked with double asterisks (**) are where you can experiment with other options. Definitely, you should use nonpursuit vehicles for these applications and they can be imports, flex fuel, or even hybrids.

It may help to ask for input (suggestions) about vehicles from persons who will ultimately be using them in the various assignments. Tender these suggestions with due diligence, however. I can bet every street cop will want the biggest, baddest V-8 available when, in reality, the current crop of V-6s offered by Chevy, Ford and Dodge have enough 0-60 to satisfy (and surprise) every lead foot.

Element and Vehicle #	Duty(ies)	Vehicle Choice(s)
PATROL		
Commander (1)(TH)	Administrative	Unmarked Sedan**
PRECINCT A		
Commander (1)(TH)	Administrative	Unmarked Sedan**
Watch Commander (3)(TH)	Administrative	Unmarked Sedan**
Field Sergeant (2 per shift)	Supervision*	Police Sedan or SUV*
Patrol Districts/Beats (20)	Police Duties*	Police Sedan or SUV*
Prisoner Transport (1)	Prisoner Transport	Prisoner Van
Administration (1)	Mail, Supplies, etc.	Unmarked Sedan**

Following, we'll list the various types of elements and vehicles (for each) found in most major police agencies in the United States, with options for each.

Patrol

It's a no-brainer here: You have no choice but to use the sedans or SUVs rated as pursuit vehicles for patrol and traffic enforcement. The Michigan State Police and the Los Angeles County Sheriff's Office spend thousands of dollars yearly evaluating every police vehicle built by the "Big Three" and the same Big Three spend multimillions of dollars developing, designing and building vehicles for police duties and pursuits. All three have their own Police Advisory Boards (made up primarily of active law enforcement) and they rely heavily on their input.

Quick Tip: When replacing retired cruisers which have traditional black-and-white paint schemes, you'll find that the Big Three have substantially increased their prices for such paint schemes. A cheaper option is to order solid black units and then take them to your local sign shop or vinyl shop and have them cover the doors and roof

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Circle 3056 for More Information

with white vinyl. It's a fast installation of less than an hour per unit; it's much cheaper than paint (no masking or sanding whatsoever); and it's very durable and fade-resistant. Plus, most brands carry several year warranties. An added benefit is that, upon retirement, the vinyl is easily removed, allowing you to sell a car which no longer resembles your fleet and will bring you significantly more money.

Administration

These are the cars driven by detectives, commanders and administrative employees. These do not need to be pursuit rated and can be imports or any type of inexpensive vehicle you choose – although your department's mechanics would probably prefer vehicles built by the same company from which you buy your marked units. To discourage pursuits, equip them with only radios.

Vehicles used for transporting paperwork, interdepartmental mail, evidence and recovered property between different department facilities might be a good application for small vans or SUVs, such as the Ford Transit.

Prisoner Transport

Most large departments have only short-term holding or "book and bond" at the precincts and regularly transfer prisoners either to their own jail or to the county jail. As stated before, any full-service police garage can build adequate transporters (paddy wagons) out of full-size vans. Of course, anything you build must have all of the necessary safety features to protect the occupants. Quite frequently, it's easiest to buy a vehicle built for this task. Whichever you choose, they need to be adequately marked and lit to make them visible in the field.

An advantage of having transport vehicles deployed in the field is that they can transport parties from the scene of arrest, freeing up your officers to continue patrol or other duties.

SWAT Units

These are the vehicles used to safely transport officers during an assault of a building with an armed party, or to execute search warrants, or to rescue injured officers or civilians – you do have some options here. There are several SWAT type vehicles available commercially; however, they are quite expensive, with costs running into six figures. The main cost involved is armor plating them against gunfire; however, used "armored cars," such as the ones from Brinks or Wells Fargo, do turn up at auctions and they already have bullet-proof bodies and glass and run flat tires.

There are also retired military vehicles available from military surplus. They generally will have low miles, but can be difficult and expensive to repair. As always, when deciding upon a SWAT vehicle, your paramount concern should be for the safety of your officers.

Crime Scene and K-9 Units

As with prisoner transport, you can build your own vehicles or purchase special units built for these purposes. If building your own, once again, these do not have to be pursuit rated vehicles, but they should be clearly marked identifying their function and have adequate emergency lights to be safe for field duty.

Surveillance Vehicles

One of my biggest beefs with most TV and movie cop dramas is when they use unmarked police sedans for surveillances. Every ten-year-old inner city kid and every gangbanger can spot a four-door cop car from a block away. Do they think seasoned criminals aren't that savvy, too?

Surveillance vehicles should be anything BUT unmarked police sedans. Use compacts, station wagons, and pickups and buy every color in the rainbow, just not loud ones. Grays, tans and even whites are the best. Contrary to department policy which mandates the marked fleet must be clean and dent-free at all times, you want these to be dirty, with maybe a dent or two. Don't go crazy with window tint; use just enough to obscure the occupants and cool the interior.

Surveillance vans are a different consideration altogether, but they can also be purchased turnkey or built in-house. Upmost consideration has to be given to the officer's comfort in all types of weather

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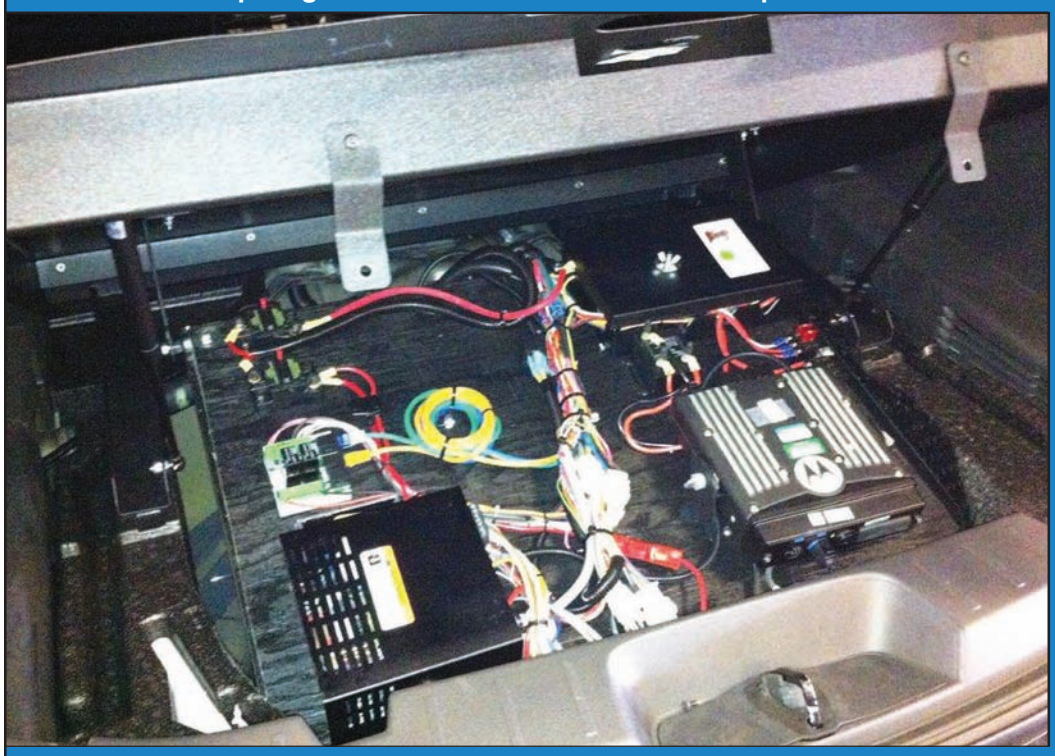

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Circle 3059 for More Information

FSI's Latest Study Pinpoints Vehicle Stop Vulnerabilities

Important officer safety findings from a groundbreaking study of vehicle stop performance have been reported by the Force Science® Institute (FSI), Ltd.

An analysis of various positions officers typically assume when talking to a driver of a stopped car and their immediate reaction to a sudden crisis reveals that:

- No position proximate to the suspect's vehicle can fully protect an officer from shots fired by a determined driver;
- Positioning on the passenger side seems to offer the fastest access to a "mitigation zone" where the danger of incoming rounds is lessened;
- In a surprise attack, officers who are trained to perform gun grabs or other disarming techniques tend to ignore that training in their desperation to escape the kill zone;
- Trying to draw and return fire during a dash to safety slows down an officer's flight;
- Many officers, particularly those who backpedal away from the threat, move at an angle which prevents them from ever reaching a zone of reduced danger.

"Some positions and movements are better than others," says Dr. Bill Lewinski, FSI's executive director who led the study team. "But you can't depend solely on positioning to save your life on a traffic stop.

"If you decide to approach a vehicle you've pulled over, probably the most important elements for your safety will be your ability to control the suspect's hands as soon as possible after beginning your approach and to verbally and psychologically dominate the interaction through effective communication and tactical maneuvers."

Fieldwork for the study, which FSI says is the first to systematically evaluate police officer responses to a sudden lethal threat during what appeared to be a "routine" traffic stop, was conducted last April in Hillsboro, OR, with the help of the training staff of Hillsboro Police Department. The goal, in part, was to determine if certain positioning during contact with a violator would work best to an officer's advantage and to analyze officers' immediate reactions to an unexpected, life threatening crisis.

Details of what the testing involved were described in Force Science News Transmission No. 202 which can be found at **www.forcescience.org/fsnews/202.html**.

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Circle 3061 for More Information

(without telltale exhaust fumes) and they must have the latest audio, video and still photography capabilities. Always buy white vans as they account for 90% of the commercial vehicles on the streets; tint the windows and always have several sets of company logos (either actual or fictional) mounted on magnets and change them out frequently. Mount a ladder on the roof and, again, don't be concerned when they get dirty or dented.

Undercover Cars

Unfortunately, many times, this term is used interchangeably with surveillance vehicles. Some of the same considerations do apply, however. These should also be a mix of foreign and domestic in a rainbow of colors. The age and value of the vehicles are determined by the criminals being worked. Vice and street narcotics units need older, cheaper cars, but, to work high-level dealers, white collar and career criminals, you'll need better rides. The same rules apply to parking, servicing and fueling these vehicles.

You'll also need covert license plates for these cars. A good source can be your own impound lot where they can be removed from unclaimed cars. Be sure to clear any warrants which come back to the tags to prevent your UC officers from getting stopped.

Forfeiture vehicles make great UC cars, but don't get trapped in expensive, exotic sports cars (think "Miami Vice") which are costly to maintain or which your own shop can't repair.

We worked out arrangements with several used car dealers to rent used cars, usually on six month contracts. These weren't "front row" cars and the department insured and repaired them. The rotation schedule varied upon the investigation. Long-term investigations often require the same vehicles be retained for the duration; however, for vice and street narcotics, we changed as often as weekly. The contracts always specified that the dealer could recall cars at any time if they had a buyer. A suggested bonus for the cooperative dealers is a letter of appreciation or official commendation from your chief when your contract expires.

Circle 3063 for More Information

Circle 3062 for More Information

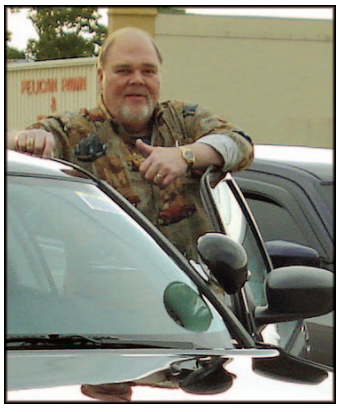
Beg, Borrow or...

Here are a few final suggestions for your future fleet. For most vehicles, you have the option to buy, rent or lease. You also have the option to trade in your retired units or sell them yourself through a variety of ways. Use the system you're comfortable with and the one which saves you the most money at both ends of your unit's tour of duty.

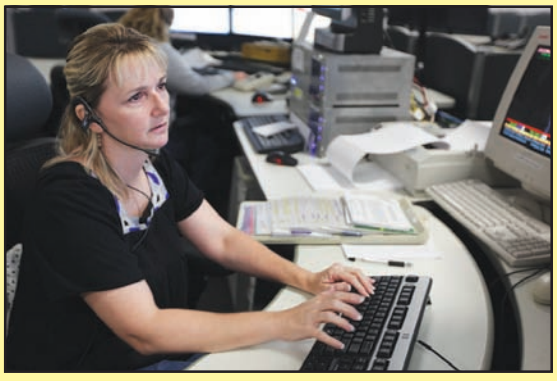
For surveillance and undercover vehicles, we've discussed forfeiture and used cars. Another option is to borrow them. In my years of plainclothes and undercover work, I borrowed a lot of vehicles from community spirited businesses and I was never turned down. I have borrowed limos, taxis, city utility trucks, delivery vans and even tow trucks. These covert vehicles are always better if you can borrow a company uniform, too. I never borrowed these for more than a shift or two; remember, these are the moneymakers for the company AND be certain your department's insurance covers them before you ask.

FedEx®, UPS® and the USPS® are usually agreeable to loan their vehicles and uniforms to law enforcement for controlled deliveries of narcotics or contraband. If it's a "buy/bust" or takedown scenario, the box vans are a great way to hide an arrest team, too.

So, when it comes to obtaining clandestine vehicles for surveillance and undercover work, and many other elements of your fleet as well, you're only limited by your own imagination. P&SN



About the Author: James G. Post always appreciates your comments and encourages your ideas about future topics. He can be reached at 5922 S. Primrose Rd., Lowell, AR, 72745-9379 or via E-mail at kopkars@arkansas.net.



"Swatting" recently has grown to near epidemic proportions in California – particularly throughout Los Angeles County. Swatting is when an individual makes prank calls and/or false reports of violent crimes to law enforcement in an attempt to solicit a tactical police response which often includes a SWAT team (thus the term "swatting").

These hoax 911 calls have become increasingly common in the past few months as they involve entertainers, celebrities and other public officials. Swatting victims include Simon Cowell, Ashton Kutcher,

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California Looks to Crack Down on "Swatting" Hoaxes

Tom Cruise, Chris Brown, Charlie Sheen, Miley Cyrus, Justin Bieber, Clint Eastwood and others. But celebrities are not the only ones who have been targeted; many private individuals and local law enforcement officials have also fallen victim to the swatting hoax.

Swatting incidents have already resulted in injuries for several responding officers and many law enforcement officials fear that it is only a matter of time before events take a deadly turn. Los Angeles Police Chief Charlie Beck acknowledged in the *Los Angeles Times* that swatting has stretched the LAPD's emergency response capacity while also endangering victims by placing them in potential confrontation with police. Swatting not only is an inconvenience to the victims, but also a costly waste of precious law enforcement resources. Law enforcement takes every emergency reported and uses its resources to maximize public safety. But, at the time a false report is given, law enforcement is unaware that it is a hoax – until they get to the scene of the alleged crime.

Given recent tragedies involving gun violence nationwide, pranks which divert public safety resources are far from harmless and, in fact, are the last thing needed; they must be deterred. California Senate Bill 333 seeks to create a greater deterrent and provide law enforcement with the ability to help recoup expenses which reportedly can run as high as $10,000 per incident.

Deficiency in Current Law

Current law allows for either misdemeanor or felony charges, depending on the judge's discretion, for those convicted of making false emergency reports. But, the law is so burdensome that no one ever has been charged with a felony. Additionally, current law does not assign any liability for the violating individual to pay back the cost associated with responding to the bogus emergency.

The bill sponsored by Sen. Ted W. Lieu would crack down on swatting and help provide law enforcement the ability to recoup expenses for responding to prank reports.

Under Lieu's bill, which would apply to any cases of false 911 reports, a person convicted of making a false emergency report would be held liable for all costs associated with the response by law enforcement.

The bill has the support of the Los Angeles County Sheriff's Department (a sponsor), the California Police Chiefs Association and the California State Sheriffs' Association.

California Attorneys for Criminal Justice oppose the bill. The measure passed its initial policy hearing by the Senate Public Safety Committee in April and next will face a fiscal review.

According to The Associated Press, Los Angeles police said they will no longer routinely issue news releases or offer immediate confirmation on hoax emergency services calls targeting the homes of celebrities.

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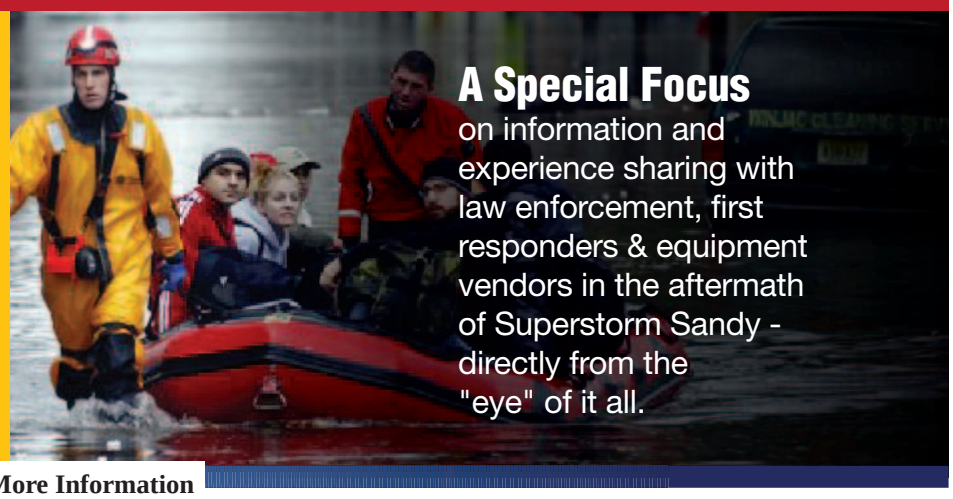

A Special Focus on information and experience sharing with law enforcement, first responders & equipment vendors in the aftermath of Superstorm Sandy - directly from the "eye" of it all.

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SEMINARS/PRODUCT DEMOS

Tuesday, June 25, 2013
Exhibits Open: 10:00 a.m. – 5:00 p.m.
Free Admission to All Expo Attendees

11:00 a.m.
Room #307
Advanced Authentication Solutions (Tokens, Smartcards, Software)
Information Session – Digital Security
CJIS Advanced Authentication and What Is Needed to Be Compliant for the Upcoming September 2013 FBI Mandate
Presenter: Lemuel Williams (Gemalto, Inc.)

11:00 a.m.
New Product
Area – Hall D
External Ballistic Vest Carriers
Highlighting Features and Benefits of the New V2 External Vest Carrier
Presenter: Rick Helm (Elbeco, Inc.)

12:00 Noon
New Product
Area – Hall D
Ballistic Glass Coatings
Ballistic Glass Strength Test
Presenter: Robert Aversa (3M Glass Security)

12:15 p.m.
Entranceway
Opening Ceremonies
NJ State Association of Chiefs of Police (Expo Host)

1:00 p.m.
Room #317
TASER® Conducted Electrical Weapons and TASER AXON Flex™
TASER's New Smart Weapon Systems and TASER's AXON Flex
Presenters: Mark Swenson and Josh Isner (TASER International)

1:00 p.m.
New Product
Area – Hall D
New MaxPatrol-600 Police Bike Light
Bike Light Used as a Headlight and Pursuit Use of the Light; Highlighting the Advantages for Bicycle Patrols
Presenter: Michael Espejo (PoliceBikeStore.com)

2:00 p.m.
New Product
Area – Hall D
Tactical Lighting Advantage Using Strike-Light
Lighting Advantages: Applications and Specifications
Presenter: George Brinzey (Strike-Light)

3:00 p.m.
New Product
Area – Hall D
Unveiling the Latest in Police Lights
Code 3's "Top Secret" Product Line
Presenters: Ally Peer and Dale Tompkins (Code 3, Inc.)

Seminars/Demonstrations
Wednesday, June 26, 2013
Exhibits Open 10:00 a.m. – 3:30 p.m.
Free Admission to All Expo Attendees

11:00 a.m.
New Product
Area – Hall D
External Ballistic Vest Carriers
Highlighting Features and Benefits of the New V2 External Vest Carrier
Presenter: Rick Helm (Elbeco, Inc.)

11:00 a.m.
Room #317
Tactical Lighting Advantage Using Strike-Light
Lighting Advantages: Applications and Specifications
Presenter: George Brinzey (Strike-Light)

12:00 Noon
New Product
Area – Hall D
Ballistic Glass Coatings
Ballistic Glass Strength Test
Presenter: Robert Aversa (3M Glass Security)

1:00 p.m.
New Product
Area – Hall D
High-Tech Law Enforcement Software Solutions
Overview: CAD and RMS Software
Presenter: Nick Quadrel (Law Systems)

2:00 p.m.
New Product
Area – Hall D
On-Officer Video Solutions
AXON Flex™ – TASER's New Breakthrough Point-of-View Video System which Improves Transparency, Protecting Officers from False Claims
Presenter: Josh Isner (TASER International)

2:00 p.m.
Room #310
Public Safety Software
Overview: Questions and Answers
Presenter: Jim Snyder (Archonix Systems, LLC)

2:30 p.m.
New Product
Area – Hall D
New MaxPatrol-600 Police Bike Light
Bike Light Used as a Headlight and Pursuit Use of the Light; Highlighting the Advantages for Bicycle Patrols
Presenter: Michael Espejo (PoliceBikeStore.com)

Association Meetings (3rd Floor Meeting Rooms):
NJ Association of School Resource Officers
NJ Police Traffic Officers Association
NJ Traffic Safety Officers Association
National Coalition of Latino Officers

Please check the PSE 2013 "Seminar Page" online at www.police-security.com for additional seminars and product demonstrations.

PRIZE DRAWINGS

GRAND PRIZES

New York Yankees Baseball Tickets for July 7, 2013 (Two Tickets - Section 217, Row 7, Seat 5) – Residential Home Funding

Ruger® BSR9C™ (Winner Must Be a Licensed Professional) – Ruger Firearms

A Two-night Stay (Deluxe Accommodations) in the Chairman's Tower with One Breakfast for Two People at the Plate Restaurant – Trump Taj Mahal

(Awarded: Tuesday, June 25th at 2:00 p.m.)

(2) Round-trip Tickets to Any Continental USA Destination
Atlantic City Convention and Visitors Authority

A One-night Stay in a King Suite with Breakfast for Two in the Seaside Café or Fiesta Buffet
Tropicana Casino Hotel

A Two-night Stay at the Revel
Revel Entertainment Resort

(Awarded: Wednesday, June 26 at 1:00 p.m.)

PRIZE DRAWINGS

Vortex Solo Tactical R/T 8x36 Monocular – Adorama, Inc.

Vortex Viper 10x50 RT Tactical Binocular – Adorama, Inc.

(2) ELVEX Com-655 Electronic Nonfoldable Ear Muffs with Impulse Filter and 3.5mm Audio Input Jack, 25 dB NRR – Adorama, Inc.

(5) 250 Customized Coloring Books with Your Department Name and Special Message – Joshua Marcus Group

Code 3 Sports MaxPatrol-600 Police Bike Headlight and Taillight – PoliceBikeStore.com

Incognito Armor Mount Aid Kit – The Officer Survival Initiative

Laser-Ammo 223SUK SureStrike™ Ultimate L.E. Edition, Dry Fire Laser Training Cartridge Kit for .223/5.56, 9mm, .40S&W, & .45ACP – Laser-Ammo

Olight M20S-X Warrior Tactical LED Flashlight – Battery Junction

Gear Bag (TG330) – Tact Squad

(6) Sets of Skit-4 Complete Gun Care Kit – Seal 1® CLP Plus

Go Shield – Point Blank Enterprises

$100 American Express® Gift Card – Kova Corp.

1000 Lumen T6 Cree Rechargeable Telescopic Flashlight – Bright Ideas USA LLC/DontGetHit.com

PREREGISTERED EXPO PRIZE
(Prize Awarded at Expo)

VIP Atlantic City Getaway – A Three Day/Two Night Stay (Deluxe Accommodations) at Either Caesars, Bally's, Showboat or Harrah's Resort with a Complimentary Dinner for Two in a Gourmet Restaurant

Additional Prize Drawings

Laser-Ammo 9MBSCK SureStrike™ 9mm Dry Fire Laser Cartridge Kit for Safe Practice with Any 9mm Handgun – Laser-Ammo

(2) Strike-Light® Lights Each Day – Strike-Light

(4) Orion-Lite Blue Forensic Flashlights – Evident, Inc.

(10) Trigger Top, One Ounce Pepper Sprays – Guardian Protective Devices

(12) MK-3 Aerosol Projector, Two Ounce Pepper Sprays – Guardian Protective Devices

Police Safety Kit (Radwear Hi Viz Police Vest and Smith & Wesson Eye, Ear and Hand Protection) – Radians, Inc.

(2) Southern's Best Seat Organizer – Southern Police Equipment

Garment Bag (TG340) – Tact Squad

Medium Transport Pack – Fox Tactical

Tactical Duty Pack – Fox Tactical

Tactical Field Briefcase – Fox Tactical

T21 Series Two-way Radio Survival Kit – Astra Radio Communications

(2) Complete Consoles or Cradle of Choice (One Daily) – Premier Mounting Solutions

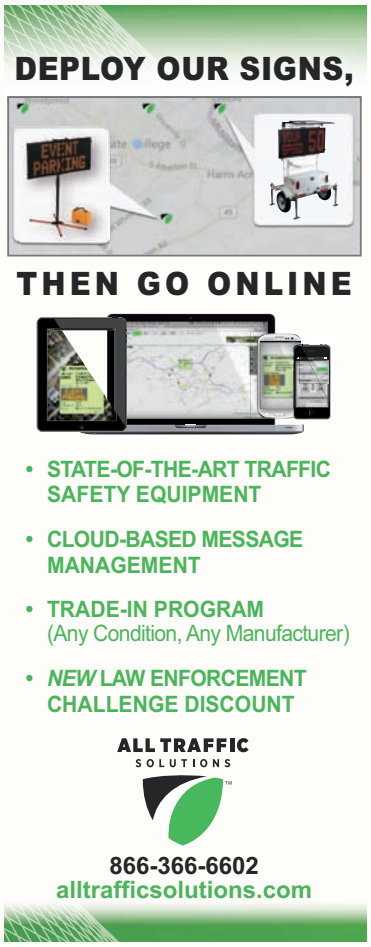
Free Badge Coupon – Smith & Warren

Performance Tactical Polo – Elbeco, Inc.

(2) Dual Channel High Intensity Warning Lights – Tomar Electronics

"Top Secret" Prize – Code 3®, Inc.

EXHIBITOR SHOWCASE



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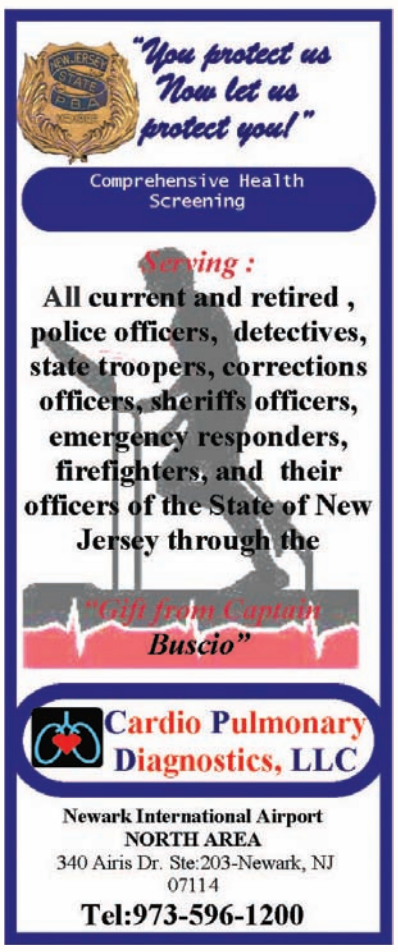

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EXHIBITOR SHOWCASE

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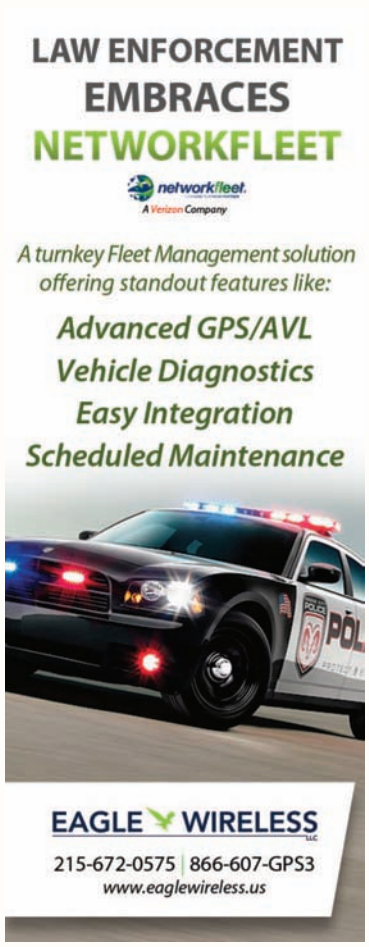

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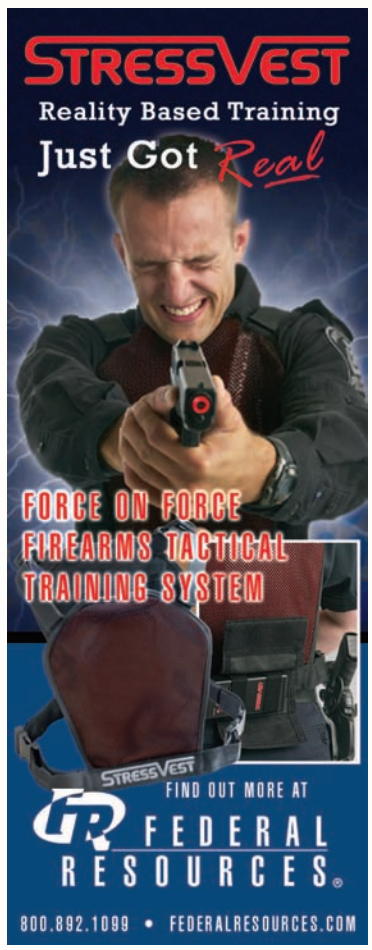

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EXHIBITOR SHOWCASE

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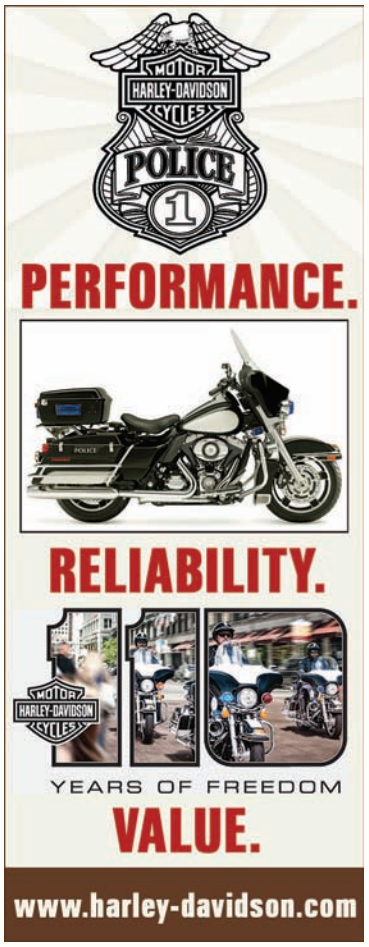

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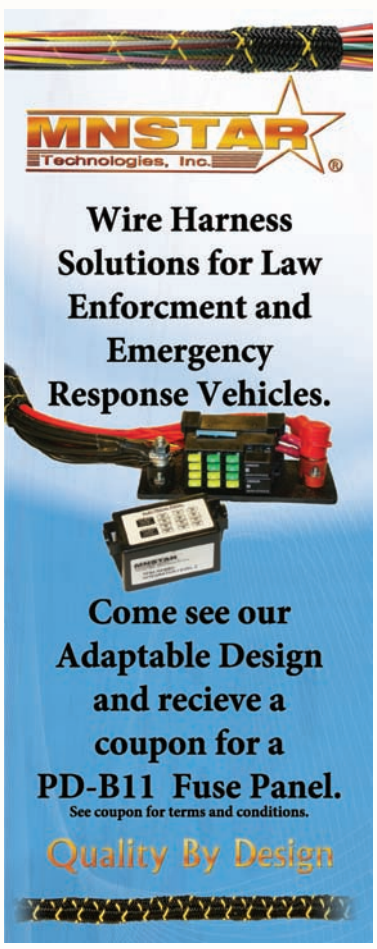

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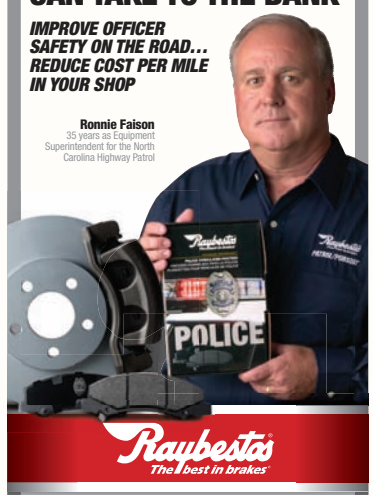

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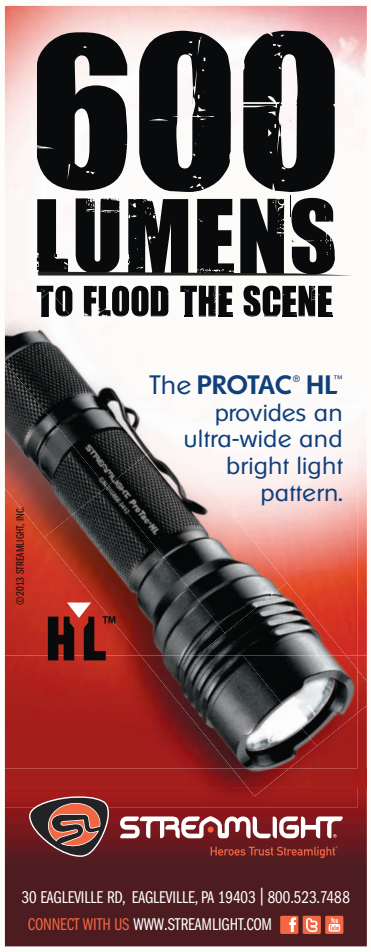

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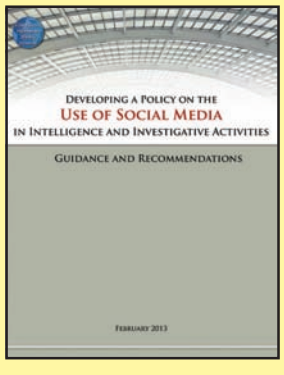

BJA Offers Guidance for Developing a Social Media Policy for Investigations

"Social media sites have become useful tools for the public and law enforcement entities, but criminals are also using these sites for wrongful purposes," according to an abstract *Developing a Policy on the Use of Social Media in Intelligence and Investigative Activities: Guidance and Recommendations*, a Bureau of Justice Assistance sponsored report.

"Social media sites may be used to coordinate a criminal-related flash mob or plan a robbery, or terrorist groups may use social media sites to recruit new members and espouse their criminal intentions. Social media sites are increasingly being used to instigate or conduct criminal activity, and law enforcement personnel should understand the concept and function of these sites, as well as know how social media tools and resources can be used to prevent, mitigate, respond to, and investigate criminal activity. To ensure that information obtained from social media sites for investigative and criminal intelligence-related activity is used lawfully while also ensuring that individuals' and groups' privacy, civil rights, and civil liberties are protected, law enforcement agencies should have a social media policy (or include the use of social media sites in other information-related policies)."

The report provides law enforcement and justice agencies with guidance and recommendations on issues to consider when developing a social media policy (or updating other relevant policies), focusing on access, use, storage, and dissemination of information obtained from social media sites for investigative and criminal intelligence purposes. The document includes recommended elements of the related policy, focusing on potential privacy, civil rights, and civil liberties implications.

The February 2013 report was authored by the Global Justice Information Sharing Initiative.

To access the report online, go to **www.it.ojp.gov/gist/Document/132**.

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Optimizing the Police Shotgun

Mike Boyle

The most current crop of police shotguns, dedicated ammunition, and accessories offers a level of performance far superior to what has come before.

Law enforcement weapons and accessories are in a constant state of evolution. I have been around this game long enough to see dump pouches give way to speedloaders; auto pistols replace revolvers; and a variety of less-lethal weapons render wooden batons obsolete. Change often takes more time than we like, but, eventually, we get it right and embrace the superior technology.

In the years following World War II, the shotgun established itself as the police shoulder weapon of choice. Pump-action shotguns, such as the Remington® 870™ and Ithaca Model 37®, reigned supreme and were in wide use by law enforcement agencies. More recently, the paradigm has shifted and the patrol rifle has begun to encroach on the territory once dominated by the shotgun.

Mossberg® 590 with 2 Point Tactical Sling from Specter Gear

Some agencies have abandoned the shotgun altogether, while others limit its use to special teams or less-lethal applications. My own agency continues to field both shotguns and rifles to allow officers to choose the better tool for the task at hand.

Is the shotgun obsolete? I don't think so, since it can still dominate all but the most unusual situations. I would further submit that, at close to intermediate range, the 12-gauge shotgun remains the ultimate power tool.

What follows is a rundown on some gear which can help make the police shotgun an even more formidable fighting tool. While this list is not all-inclusive, and there may be competitive products which fill a similar role, all of the gear outlined herein has much to offer. Optimized equipment in the hands of a trained officer gives him/her the ability to prevail against overwhelming odds.

Sling It!

The single most important accessory for any shoulder weapon is a sling. A sling provides the user with a means of keeping a weapon instantly available, yet leaving the hands free to perform other tasks. In reality, a sling on a shoulder weapon serves the same purpose as a holster for a handgun. Oddly enough, we outfit our carbines and SMGs with slings, but forget about our shotguns. Shotguns need slings, too!

Today, there are scores of manufacturers turning out slings in one, two, and three point configurations. My personal favorite for shotguns is the 2 Point Tactical Sling from Specter Gear. The 2 Point Tactical Sling features comfortable, wide l.5" webbing across the shoulder area and a lightweight, but durable, one inch Mil-W-43688 adjuster strap. Other desirable qualities include a spring-loaded, self-locking steel adjustment cam buckle, as well as an emergency release buckle.

In the field, the user can quickly transition from a secure carry mode with the gun held tight to the body to a firing position by tugging the paracord lanyard on the adjustment cam buckle. The Specter Gear 2 Point Tactical Sling has much more to offer than a simple carry strap and helps keep your shotgun close at hand, yet instantly available for action.

Aimpoint® T-1 Micro gets you on target fast.

Better Sights

A good set of shotgun sights will not only enhance practical accuracy, but also get you on target faster. Although a simple bead can be quite effective at the closer distances, better sights can effectively quadruple the effective range of your shotgun.

Sometime ago, I became a strong advocate of ghost ring sights for the combat shogun. This setup consists of a receiver mounted rear aperture mated to a rugged front blade. Your eye will naturally center the blade in the rear aperture which "ghosts" away once you take a hard focus on the front sight. With rifled slugs, center hits on a man-size target, set a football field away, are well within the realm of possibility.

The 24/7 Tritium Stripe system from XS Sights remains a personal favorite. The rear aperture is adjustable for windage and elevation and is protected from hard knocks by a set of wings. A tritium bar highlighted with a vertical white stripe is visible in bright light, dark, and everything in between. We have this setup on several of our agency owned Remington 870s, where it continues to deliver the goods.

More recently, XS Sights has been marketing a rail with an integral ghost ring aperture which mounts to the top of the receiver of the popular 870 shotgun. The rail gives you the ability to affix one of the popular red dot sights to your shotgun, further expanding system capabilities.

A few years back, I placed an Aimpoint® Micro T-1 to one of our shotguns and I can only categorize the results as incredible. The sight is clearly visible under all light conditions which improves hit potential dramatically. The T-1 is a reflex collimator, red dot sight measuring only 2.4" and weighing 3.7 ounces. Eye relief is unlimited and this miniature optic has eight daylight, as well as four NVD settings. Battery life is 50,000 hours which translates to five years of continuous run time.

To cut right to the chase, this sight has proven to be very fast and provides the user with 100 yard capabilities. With rifled slugs, hand size spreads at 50 yards are easily achieved by a trained operator.

The SureFire 623LM WeaponLight puts out 200 lumens of intense white light.

Let There Be Light

Another useful add-on for any shoulder weapon is a gun mounted light. Considering that most police action shootings take place under poor light conditions, a means of sorting out the good guys from the bad guys makes tremendous sense.

For years, SureFire, LLC has been an industry leader in illumination products. I have utilized a few different dedicated SureFire forends with integral lights on my shotguns and they have proven to be a real asset. Currently, I have a SureFire 623LM Weapon Light affixed to my Mossberg® 590.

The 623LM puts out an intense 200 lumens of white light from its LED lamp. A pair of 123A three volt lithium batteries yield two hours of run time.

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Two switches are integrated into this forend unit, including a momentary pressure switch on the right side and a constant on rocker switch on the left. This unit is virtually copproof and built to withstand the hard knocks of the real world. When working in poor light, the 623LM Weapon Light will help you make informed decisions and get you on the threat fast.

Mossberg has recently teamed up with L3 Insight Technology and now offers a pair of factory shotguns with an integral forend light. Available on both the Mossberg 500 and 590A1 pump shotguns, the Insight unit puts out 125 lumens of white light with a 90 minute continuous run time. The ambidextrous side touch switch features temporary on, constant on, and strobe settings. Power is supplied by a single three volt lithium battery contained in the rear of the forend. This unit is also available from Insight Technology as an aftermarket accessory for Mossberg and Remington pump-action shotguns.

L3 Insight Technology and Mossberg® have teamed up to offer factory shotguns with a forend light.

Carry Spare Ammo

How much spare ammo does the average patrol officer carry? Unless it's on the gun, probably none!

I've never been fond of the nylon butt cuffs or looped slings for carrying extra ammunition. The dual shell carriers which snap over the top of the duty belt can work, but many officers simply don't have enough real estate left to work with. By far, the best solution is to have extra rounds in a carrier mounted directly to the gun. Mesa Tactical markets a variety of shotshell carriers for Benelli, Mossberg, and Remington shotguns which have proven to be a cut above. SureShell™ Shotshell carriers are available in two different styles. The first is a traditional format which mounts securely to the left side of the receiver. As an alternative, Mesa Tactical offers a saddle rail which combines a shotshell carrier with a MIL-STP-1913 Picatinny rail.

I have used both configurations and they come highly recommended. Unlike inferior carriers, shells stay put until needed. This setup also gives the user the capability of having buckshot in the gun and slugs at the ready. If a threat presents itself in the distance, the trained user can simply select the appropriate type of ammunition and deal with the problem.

Proper Stock Fit

The biggest obstacle to shotgun efficiency is improper stock fit. Most off-the-rack shotguns are equipped with buttstocks with a 13 7/8" to 14" length of pull. Length of pull is defined as the distance between the rear of the buttstock to the trigger's front surface. This longer length of pull may work for large individuals engaged in sporting applications, but is entirely inappropriate when wearing soft body armor and taking a more squared off shooting stance. Longer stocks are especially difficult for small stature shooters to manage, as it becomes impossible to achieve a proper mount and cheek weld.

Common remedies for a stock which is too long include retrofitting a youth-sized stock with a reduced length of pull or an adjustable length M-4 style stock. Mesa Tactical makes a line of quality telescopic stocks for Mossberg, Remington, and Winchester® shotguns. A variant which includes an integral recoil buffer is also available. With this style of stock, the end user can quickly adjust the fit to accommodate body type, clothing, or shooting position.

More recently, I became acquainted with Mesa Tactical Urbino Tactical Stocks. The Urbino stock

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Mesa Tactical sells adjustable length M-4 style stocks for many popular shotguns.

is a fixed length, pistol grip unit with a 12 1/2" length of pull. It features a Santoprene® rubber grip, optional LimbSaver buttpad, optional cheek riser, and a number of options for mounting a sling. Urbino stocks are available for the Benelli Nova pump-action, Benelli autoloaders, the Remington 870, and the Remington Versa Max®.

A few months back, I set up one of our agency 870s with an Urbino stock to better accommodate one of our female officers. While the factory stock was a tad too long, the Urbino was a perfect fit. Her confidence, performance, and comfort level are all very much improved.

For users who require a shorter length of pull stock in a traditional configuration, consider the OverMolded® shotgun stock from Hogue, Inc. This stock features an abbreviated 12 inches of pull which is perfect for many small stature individuals. A rubber pistol grip and soft rubber recoil pad represent other nice touches. I have this stock fitted to a Mossberg 500 which I often use as a loaner and it also comes highly recommended. Hogue's OverMolded butt stock is available for Mossberg, Remington, and Winchester shotguns.

Street Stoppers

For many years, there wasn't a dime's worth of difference between shotgun ammunition used

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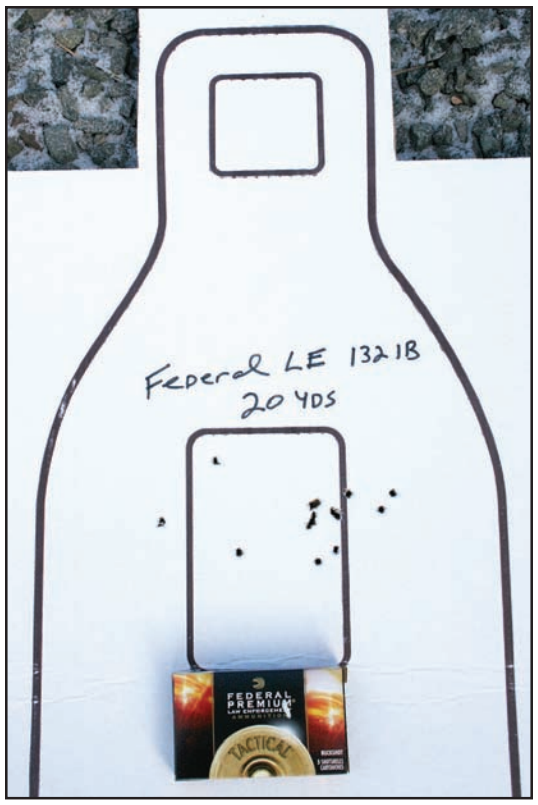

Federal's new #1 buck load features a denser pattern and optimum penetration.

for hunting and that used for law enforcement applications. That began to change about 20 years ago and now all of the major manufacturers are marketing buckshot and slug loads designed specifically for police use.

Buckshot remains the most popular load selected for police service. A short time ago, Federal Premium® Ammunition introduced an improved version of their LE132 00 Tactical® buck round which utilized the revolutionary FLITECONTROL® wad. From an open choke shotgun, this load will reliably place all nine pellets in the chest of a man-sized target set 20 yards away. This not only enhances stopping power, but also minimizes risk from errant pellets striking bystanders.

Federal has now introduced LE132 1B, a purpose-built police load which contains 15 pellets of #1 buck. Advantages include a denser pattern with a greater number of impacts on a threat. These smaller .30 caliber pellets will punch through 12" or more of ballistic gelatin, the optimum depth of penetration established by the FBI. This low recoil load is easy on the shoulder, yet should prove very effective on the street.

I have long been a fan of rifled slugs in the police shotgun. When combined with a good set of sights, the trained user has limited rifle potential and can reach out and touch targets far beyond

Brenneke® slugs are extremely hard and will defeat many common barriers.

practical handgun range. Stopping potential with rifled slugs is also very high.

Despite giving one the ability to reach out a bit further, slugs can also defeat light cover. Depending on your perspective, this can be a good thing or a bad thing. In certain environments, total penetration of objects or felons can be problematic. In my experience, a rifled slug will pass through a deer and exit about half the time. I wouldn't expect performance on humanoids to be much different.

Last year, Winchester Ammunition introduced the PDX1™ 12 Defender Segmented Rifled Slug

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which might address concerns relative to overpenetration. This slug features programmed notches on the outside of the slug to ensure expansion and segmenting on impact. At an industry shoot, this innovative slug performed as advertised when fired into ballistic gelatin. After passing a short distance, the slug broke apart with each of the three segments creating its own independent wound channel and causing massive destruction.

From my 18 inch barrel S&W 3000 shotgun, muzzle velocity averaged 1444 feet per second. Five shot clusters from 50 yards were in the three to four inch range.

Should you want to go the other way for maximum penetration, consider the various slug offerings from BrennekeUSA. Brenneke® loads several different options, but my favorite is the Special Forces Short Magnum. This 1 1/4 ounce slug is exceptionally hard and will punch through 36" of calibrated ballistic gelatin. Performance against common barriers is also impressive.

Truth be told, the Special Forces Short Magnum is not for the recoil sensitive and I might suggest Brenneke's Tactical Home Defense load for general use. This one ounce slug generates far less felt recoil, but with almost 3/4 of an inch of frontal area, it would still be very effective in shutting down a determined adversary.

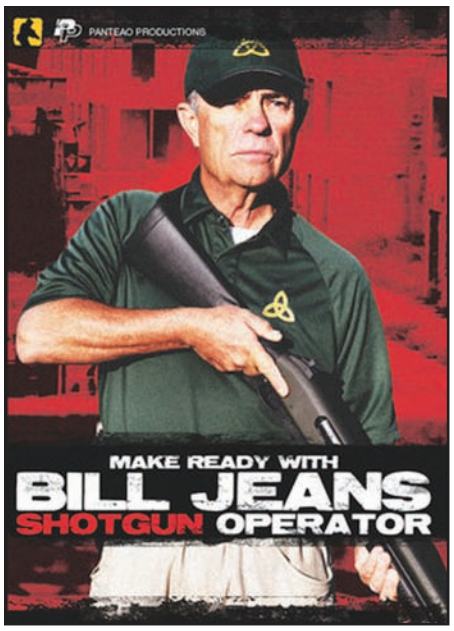
System Upgrade

There are any number of shops performing custom shotgun work, but, like many things in life, one is well-advised to tread carefully and do your research. It will be the rare outfit, indeed, which issues a heavily customized shotgun to its patrol officers, but there are a number of upgrades worth considering.

Hans Vang has been in the gunsmithing business since 1975 and the work he performs on shotgun barrels is truly incredible. Most police shotguns have no choke constriction and a traditional buckshot pattern will typically spread one inch for every yard the shooter is from the target. At 20 yards, one can anticipate some pellets missing the target entirely. In real life, this equates to diminished stopping power and increased liability.

The Vang Comp System changes all that and, by back-boring the barrel, lengthening the forcing cone, and adding compensation ports, patterns are much improved with hand-sized groups at 25 yards being the norm. Felt recoil and muzzle rise are also brought into check. Hans also turns out some very classy packages built on the Remington 870, Remington 11-87, and Mossberg 590.

The Robar Companies, Inc. of Phoenix, Arizona, is yet another firm specializing in the combat shotgun. Robar is noted for their hi-tech metal finishes, including Roguard and NP3. Roguard is



Sage advice on running the combat smoothbore is contained in* Shotgun Operator *from Panteao Productions.

a very durable black finish which is highly resistant to corrosion. Another Robar exclusive is NP3 which is best described as nickel/Teflon® coating. NP3 is self-lubricating and surfaces coated with

"Our Chief of Police approved the Nate Squared Tactical Professional holsters and they are now standard issue for undercover detectives. This holster had all the elements required for use in plain cloth scenarios. It's concealable, comfortable, and durable. It provides both re-holstering capability and weapon retention. I use the holster for my off duty carry and can honestly say that this product is phenomenal. I have never worn a more comfortable holster. I recommend it to anyone who asks about a concealable holster. And the fact that it is American made is a great thing too."
Officer Luis D. Castro "Lou"
Sunrise Police Training Unit
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NP3 have a slippery feel and clean up very easily. By going with Roguard on the external surfaces and NP3 on the bolt and action bars, one can create a superslick, pump-action shotgun which can stand up to all sorts of abuse, including marine environments.

It All Comes Down to Training

Having the right hardware is great, but, in the end, it all comes down to training. Unfortunately, many police agencies do not provide adequate training on the shotgun and, as a result, performance suffers. Swapping out shotguns for rifles will not help if the same cursory level of training is also offered on that system.

There are several shooting schools which offer comprehensive training programs on the combat shotgun which are well worth exploring. While instructional videos cannot replace hands-on training by a good instructor, they are a great supplement. One of the best is *Shotgun Operator* from Panteao Productions' Make Ready series. This informative video features Bill Jeans, owner/operator of Morrigan Consulting and former Operations Manager and Chief Rangemaster for Gunsite. It is a treasure trove of solid information and offers sage advice on technique, equipment selection, and training drills.

Don't write off the shotgun as obsolete. Combined with a trained user, proper mind-set, and equipment, it still gets the job done.

Source Directory

1. Aimpoint, Inc.
   www.aimpoint.com
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2. BrennekeUSA
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3. Federal Premium® Ammunition
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4. Hogue, Inc.
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8. Mossberg, O.F. & Sons, Inc.
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9. Panteao Productions
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10. Remington®
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11. Robar Companies, Inc.
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Five Things Law Enforcement Executives Can Do to Make a Difference

The National Institute of Justice (NIJ) announced the results of years of research, distilling evidence-based practices which can make a difference into a single list, "Five Things Law Enforcement Executives Can Do to Make a Difference."

Former NIJ Director John Laub, and current Police Foundation President (and former NIJ visiting fellow) Jim Bueermann, have developed this list, defined as follows:

1. Crime is rarely random; patrols shouldn't be, either. Focusing on small geographic locations and times when crimes occur and targeting specific, high impact repeat offenders can decrease crime.

2. Quality is more important than speed. In most cases, thorough investigations, problem solving and careful forensic evidence collection contribute more to arresting suspects than shaving a few seconds off initial response times.

3. DNA works for property crimes, too. Collecting and using DNA evidence substantially increases the likelihood of solving property crimes – leading to twice as many arrests and twice as many cases being accepted for prosecution than in non-DNA investigations.

4. In police work, perception matters. When people see the police as fair, lawful and respectful, officers are safer and citizens are more likely to obey the law and comply with police orders.

5. Officer safety and wellness should be a priority. Safety training, certain shift lengths and using body armor prevent injuries and save lives.

Resources on the Web page include topic pages, publications and multimedia, tools, training, standards and funding.

To learn more, visit **http://nij.gov/five-things**.

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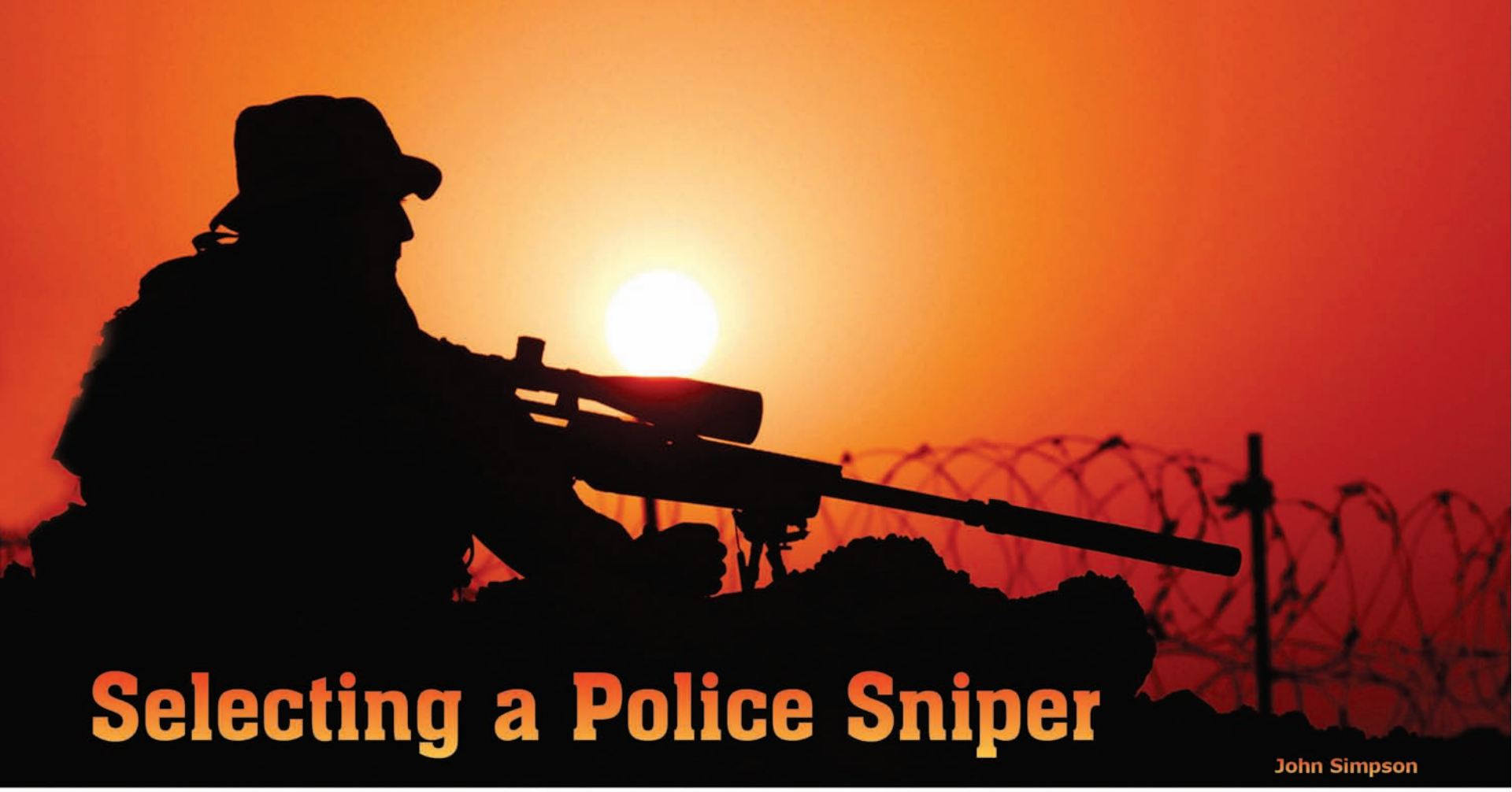

Selecting a Police Sniper

John Simpson

When seeking to create or maintain a sniper capability, much thought goes into equipment issues and a lot of discussion goes into where an operator is going to be sent for training.

Unfortunately, relatively little consideration is given for selecting personnel for a sniper position. In my position as a sniper trainer, I have too often seen this attitude from students: "Of course, I'm a sniper. My name on the memorandum said I was!"

Although a legitimate sniper school shouldn't be afraid to flunk someone who can't meet the course performance objectives, this is only the last link in the chain of a selection and assessment process which must have its origin within the agency.

Military Background

In order to select personnel, agencies often turn to people with military backgrounds. Due to the current reduction of our military forces, many highly trained personnel are now becoming available. If the decision is made to recruit these people, close attention must be paid to a document which they will be sure to have in their possession: Department of Defense Form 214 (DD-214).

Contained in this form will be the official record of a candidate having attended a formal military sniper school. In order to read it, you have to know how to decipher it. Following are thumbnail sketches of some of the more likely military sniper schools, keeping in mind that course length and subject matter change from year to year and, sometimes, from class to class.

US Marine Corps Scout/Sniper, Scout/Sniper Instructor and Advanced Sniper Schools: The Marine Sniper Schools as they exist today were started by returning Vietnam veterans in the mid-1970s. Instruction was based around the bolt-action M40 and M40A1 sniper rifles. Courses ranged in length from eight weeks for the Instructor Course to four weeks for the Advanced Course. Curriculums emphasized field craft, with significant hours being devoted to map reading, hand-to-hand combat, calling in air support and marksmanship with a goal of 1000 yards. It is useful to know that, recently, the Advanced Course conducted practical exercises on shooting through glass to hit a target. These schools are located at Quantico, Virginia.

US Marine Corps Sniper Course: The Marines' belief in snipers is demonstrated by there being two other six week sniper schools – one for the West Coast at Camp Pendleton in California, and one for the East Coast at Camp Lejeune, North Carolina.

Special Operations Target Interdiction Course: This is the school where I worked for five

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As the military continues to cut its ranks, more trained professionals are becoming available.

years, known as SOTIC. When I left in 1990, it was a six week course teaching the bolt-action M24 system. Curriculum was different from the Marine Corps program, with more emphasis on developing initial marksmanship skills. Training started with fundamentals in three different positions (prone, sitting and standing) using slow and rapid fire while aiming with iron sights (basically, conducting a service rifle match). Students then transitioned to aiming with scopes while shooting at surprise and moving targets and engaging targets at 1000 yards. A full curriculum of silent movement, stalking and observation was also conducted. For my tenure, a hostage scenario was conducted at Fort Bragg's urban warfare facility, with the sniper students reporting back their observations of the incident site. This school is still in operation at Fort Bragg, North Carolina. There are also local SOTIC programs at most of the active Special Forces Groups which vary significantly in quality. This was renamed in 2007 as the Special Forces Sniper Course.

US Army Sniper School: This course was designed to train privates, and above, in marksmanship, military tactics, concealment and observation in a field environment. It is interesting to note that, although the school cadre borrowed heavily from the Marine Corps' six week program, the original course length was only three weeks long.

Although the above is not a conclusive list (my SEAL friends will probably take offense at not mentioning their fine schools), it should be some help in screening the guys who insist they were "sniper trained in their units."

Note: Since the start of the wars in Afghanistan and Iraq, you may start to see veterans with training in their records called "Long-range Marksman," or "Squad Designated Marksman," or something similar. Bear in mind that these folks have a really good head start on marksmanship as a police sniper, but they haven't been trained as snipers.

Psychological Screening

My advice in this matter should not be construed to mean that I'm a licensed psychologist, but, under the principle that a police detective knowing the difference between a felony and a misdemeanor doesn't make him a lawyer, I feel confident to point you in the right direction.

Many of the better sniper schools don't practice psychological screening. The reason for this is due to the inadequacies of existing tests to accurately determine if someone will actually apply deadly force in a situation where the sniper may be 100 yards away from a terrorist who could be threatening harm to a third party. One test which is commonly used is the Minnesota Multiphasic Personality Inventory, or MMPI. Although the MMPI in the hands of a trained professional can identify such undesirable traits as paranoia, I must again emphasize that the MMPI is not a predictor of future performance.

One test I do recommend you investigate is the Myers-Briggs Type Indicator® personality assessment. One reason is that you can reassure candidates that the Myers-Briggs doesn't reveal any pathological, neurotic, paranoid or latent tendencies; it is a simple written test.

In the Myers-Briggs assessment, each personality type is made up of different combinations of values from four scales: introverted vs. extroverted, sensing vs. intuition, thinking vs. feeling,

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and perception vs. judgmental. Although the above description is accurate, it is an oversimplification due to space limitations.

A person's tendency toward each opposing quality on the four scales makes a four letter "type." For example, an Introverted, Intuitive, Feeling, Perceptive person would be abbreviated to INFP (the N, of course, from the second letter of intuition to avoid confusion).

Whenever I have discussed this subject in class (regardless of police or military), someone at this point asks if there is an ideal type for a sniper. The ideal type is not as simple a matter as looking for introverts or singling out any single quality. Although the ISTP (which makes up only five percent of the population) is often referred to as the "weapons type," this should not be construed as making this the ideal type for a sniper candidate. Those interested in analysis of type are encouraged once again to talk to a certified professional.

Selection Criteria

Some additional things to keep in mind when selecting candidates:

1. Marksmanship Ability – This is a tricky one to evaluate because a candidate by definition has not enjoyed the benefits of your formal training program. As a start, however, ability with the existing service weapon (pistol or revolver) can give an indication of potential to learn the scoped rifle due to the transference of skills. If someone comes

Sniper functional fitness tests, such as the overhead press, help in evaluating a candidate's level of fitness.

to you with extensive target rifle experience, keep in mind that he has been practicing in a **structured environment**. As street experience proves, the place he will be going to is essentially an **unstructured environment**. The type of marksmanship expressed by the military acronym **BRASS** (Breathe, Relax, Aim, Slack, Squeeze) is generally inappropriate for a fluid situation.

2. Physical Condition – This broad category must be further subdivided into:

a) Aerobic Conditioning – This type of physical condition relates directly to a person's ability to literally "go the distance." Cardiovascular conditioning has a direct effect on a person's ability to deal with stress. Although simply having people run for time might test this, this is actually a better measure of running than of conditioning. Any test must include a measure and comparison of individual heart rates while under exertion and at rest. A candidate's level of conditioning in this category can be improved with effort.

b) Flexibility – Too often, I've witnessed trainers who keep their sniper students in the prone position while shooting. Although this works fine on a rifle range, it is of little use unless we are clever enough to maneuver the target onto a golf course. A sniper must be able to adapt his body to the immediate area. A candidate unable to assume a steady sitting position or unable to bend his prone position around a roof vent will be of little help to the tactical situation. To evaluate candidates objectively, administer this simple test endorsed by the American College of Sports Medicine:

1. Place a yardstick on the floor and secure it with a piece of tape at the 15 inch mark.

2. Sit the candidate on the floor with the zero end closest to him. Position his feet approximately ten inches apart with his heels even with the 15 inch mark.

3. Have the candidate place one hand on top of the other with the tip of one middle finger on top of the other.

4. Then, have the candidate slowly stretch

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forward WITHOUT JERKING OR BOUNCING while sliding his fingertips along the yardstick as far as possible.

5. Conduct the test three times. The candidate's score is the highest number reached to the nearest inch.

Note: The test should be conducted after allowing the candidate to warm up by walking and gentle stretching. Candidates are evaluated on the following chart:

MEN			
Age	20-29	30-39	40-49
Rating			
High	>19	>18	>17
Average	13-18	12-17	11-16
Below Average	10-12	9-11	8-10
Low	<9	<8	<7
WOMEN			
Age	20-29	30-39	40-49
Rating			
High	>22	>21	>20
Average	16-21	15-20	14-19
Below Average	13-15	12-14	11-13
Low	<12	<11	<10

These ratings will hopefully aid in evaluating potential candidates.

c) Strength – When conducting a typical sniper mission, a team will find itself burdened with radios, cameras, telephoto lenses, rain gear, water – and that doesn't include rifles! Although aerobics plays a part in this, physical strength is also a significant factor in the equation.

3. Left-handed/Cross Dominant – For agencies equipped with a bolt-action rifle operated with the right hand, having a left-handed shooter is a liability. As with all the other criteria to this point, this by itself should not serve to disqualify a candidate. Early in my career as a sniper instructor, I was explaining a similar set of criteria to the class. One left-handed student quietly took this in. About a week later, he called me over to his position on the range and asked me to watch him shoot a rapid-fire string. After accurately firing five rounds at least as fast as any right-hander in the class, I found out that he had been practicing every spare moment in the school, as well as at home after class and over the weekend. The one thing I learned from this is NEVER UNDERESTIMATE THE POWER OF SPITE. A more significant handicap is the matter of cross dominance. Just as the majority of people have a right or left hand which they favor, so do the majority of people have a left or right eye with which they naturally line up. Cross dominance, although not a significant detriment to a pistol shooter, is a concern when dealing with a scoped rifle.

4. Mental Condition – Although a large portion of this was already addressed under the Myers-Briggs section, this category also includes intelligence. Sniping is not just a "hands-on" activity. A candidate must be expected to grasp subjects such as ballistics, tactics, and other theoretical subjects. In the author's own 40 hour police sniper course,

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I often encounter students who just want to "grab it and go out to the range" as soon as they arrive. They are uneasy to find out that the first day is given over to classroom and dry firing. At the end of day one, however, everyone understands the need for getting the class "on the same sheet of music" despite different experience levels.

Additional Considerations

Now, I know that some of my colleagues recommend things like looking at tobacco use. Looking at how a guy is affected by nicotine is something with which every competition shooter coach is concerned. To that I also say we then need to look at whether the guys use caffeine or sugar since they can all contribute to the shot group opening up. After you have eliminated all of those people, you can go back and report that your selection criteria is so stringent that no one qualifies!

I'd like to point out that, in the previous list, the flexibility tables are divided by age and gender. I'm not a big fan of gender norming or adjusting for age because those all require some type of adjustment to come up with the standards. I've never been a big fan of the "best of the best" mentality when it comes to selection.

Take the typical push-up test, for example. Looking at the Army's standards, in the 22- to 28-year-old range, a male gets 100 points for performing 75 push-ups in two minutes, while a female gets the same number of points for 50 push-ups in the same time limit. Although this is in response to real differences between male and female upper body strength, it makes the standard subjective.

An objective standard simply takes the form of something, like having candidates carry full loadout gear to include water, equivalent ammo weight, and so on, as well as a rifle or weight

Sniper candidates must be able to comprehend a wide variety of complex subjects such as ballistics and tactics.

equivalent. Tell them that, as a two person sniper team, they have to get over a chain-link fence in a certain time limit (which you can base on the performance of existing team members). I like this because a 35 pound pack doesn't get lighter because a female is carrying it and a three foot long, nine pound rifle doesn't grow shorter and lighter because a guy is in his 40s.

When evaluating someone for vision, there is something which you should look for in addition to seeing if they have 20/20 vision: There is a test which an ophthalmologist can administer called a Contrast Sensitivity Test. Research is beginning to

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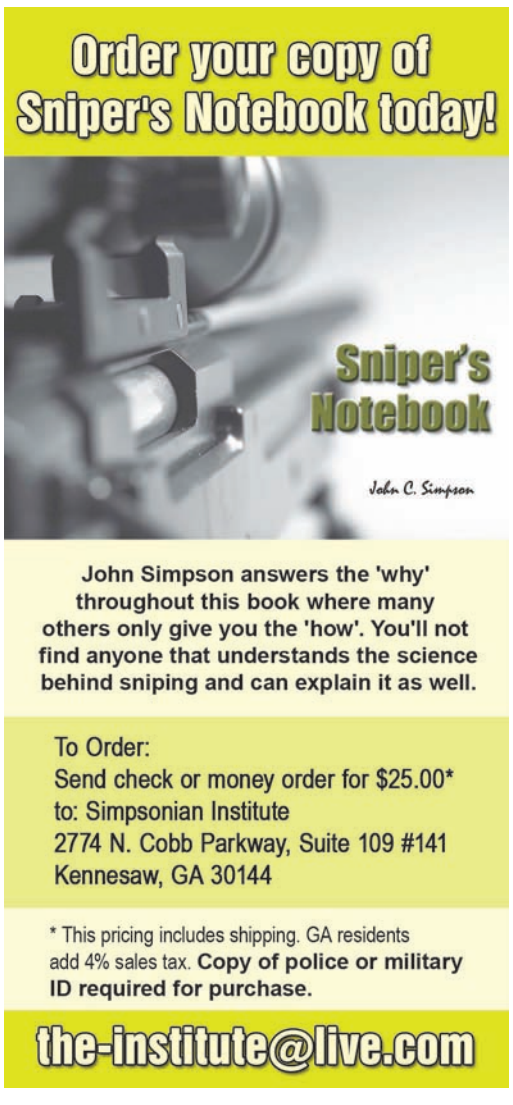
show that candidates with high levels of contrast sensitivity are better able to detect targets than those who don't.

Conclusion

When selecting candidates, with the exception of mental condition, any inadequacies in the aforementioned criteria can be corrected through training and hard work. Physical condition can be improved through appropriate physical training. Marksmanship ability can be developed through marksmanship practice, and cross dominance can be corrected by forcing the shooter to shoot off of the same shoulder as his dominant eye. The only criterion which must be there from the beginning is mental condition! The mind is the sniper's greatest weapon and can only be developed so far through training. At the risk of losing my law enforcement audience, I'd like to draw an example from the Navy SEALs. In basic SEAL school, the third week of training is known as "Hell Week." All of the candidates up to that point are very physically fit. Starting on a Sunday and ending on a Saturday morning, SEAL trainees are kept awake nearly the whole time during grueling physical activity which stretches each man to the limit and maximum opportunity is given to allow students to quit. The survivors of this then go on to the more advanced and technical stages of their training. The point I am making is this: The purpose of Hell Week is not to train students not to quit, but rather to identify those who just don't have it in them to quit. Any SEAL will tell you that this is more mental than physical.

Although this is an extreme case, I do believe this is appropriate from the standpoint of the importance of the sniper candidate's head "being in the right place" above anything else.

About the Author: John C. Simpson spent five years teaching sniping to Special Forces at the Special Warfare Center in Ft. Bragg, NC, and three years in a Special Forces unit in Germany as a team sniper and the Company Master Sniper, and finally as Chief Instructor at the 10th Special Forces Group Sniper Committee at Fort Devens, MA, before retiring in 1994 as a Sergeant First Class. While at Ft. Devens, he trained police snipers in New York and Ohio as part of Project Northstar. John is currently a Staff Instructor for Snipercraft and the Director of Precision Rifle Programs for the James River Training System. He has written many articles on sniping and precision rifle instruction for publications such as Police and Security News, Journal of Counterterrorism, Tactical Shooter *and others. He currently writes for the Snipercraft newsletter, as well as continuing to train police and military snipers.*



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CRITICAL SPACE:

How to Effectively Shoot at Close Range

Dave Spaulding

Law enforcement officers and trainers have known for decades that the majority of armed confrontations involving police occur inside ten feet.

If you take a moment to consider a police officer's real world of work, they do not kill the enemy as the military does; they seek out lawbreakers and take them into custody. That's a ***HUGE*** difference in tactics! The military is constantly looking for ways to engage at greater distances (consider the dissatisfaction of the long-range killing power of the 5.56mm in Afghanistan) while cops will always have to close in on those they confront to arrest and handcuff them. Even common citizen contacts will be within earshot as conversation with police is something most want to keep "low key." Can you imagine the uproar if officers stood back ten or 15 yards and yelled their commands? "Sir! Give me your driver's license! We have a report you are flashing yourself at children!" Yep, that would go over great – no controversy there.

Up Close and Personal

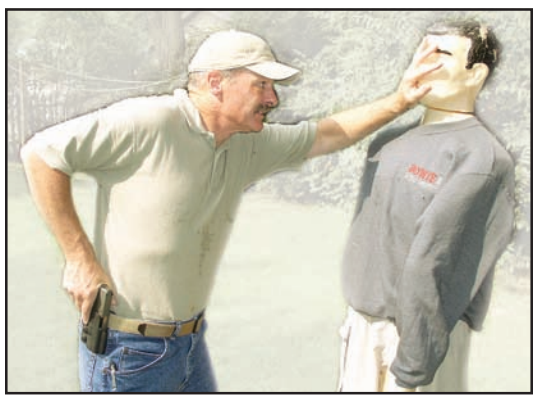
These days, I teach far more armed citizens than I do cops and, when I teach extreme close quarter shooting, I never fail to get one student who claims, "I don't need this. I don't let people get close to me." Really? So, you never stand in line at a sporting event to get tickets; wait to place your order at a food counter; ride an escalator or elevator; wait on the sidewalk to cross a street with the light; board a plane or train, etc., etc. Everyone makes close contact with other humans, whether you like it or not, and law enforcement officers make more close contacts than most other professions. Thus, if you are a student of combative pistol craft and carry a gun daily, you had better learn how to deploy and shoot it at extreme close quarter distances – what I have come to call "critical space engagements."

Truth be told, as a police officer, you are far more likely to become involved in a confrontation which requires a lesser level of force than deadly force. While it might make you feel good to think of every threat you face as a gun problem, that is not reality. Yes, there are suspect/victim factors which come into play like age, sex, skill level or disabilities which may make the gun relevant, but the majority will require repelling an attack without shooting. This means having some skill in defensive tactics or what is more realistically called "hand-to-hand combat." Becoming reasonably skilled in open hand techniques does not mean you must spend years learning a martial art. Kelly McCann, the founder of Crucible, where he and his staff regularly train military special mission units, intelligence operatives, private security contractors, U.N. advisors and police SWAT teams, says he can give a motivated student a good skill base in about two weeks. McCann's "system" is based on the WWII Combatives Program taught to (American) OSS and (British) SOE operatives and is based on efficiency and simplicity. McCann also prepares the mind for conflict, "Fighting is 10% skill and 90% mental. Fights are fought in the mind." In the end, it's not about fancy looking technique; it's about knowing how to fight and being *willing* to do so.

Time and Space

Open hand skills are necessary even if shooting is reasonable based on the circumstances at hand. At extreme close quarters, it is likely you will have to "create" the space needed to deploy the firearm. A gun will only be useful if you have the time to use it without deflection – time = distance, distance = time and time = win! The draw stroke should be the same physical action, regardless of the distance to the threat or the position in which one might find himself (or herself). Keep in mind that a fast draw is not spastic looking muscle manipulation; it is an exercise in lack of unnecessary motion. While any number of body locations can be used to carry/conceal a handgun, strong side belt mounted carry will always be the most physiologically efficient as the gun is mounted on the same side as the shoulder, arm, elbow and hand which will draw and drive it to the threat.

Carefully consider the physical action required to draw a handgun. The shoulder rotates, the



When drawing in critical space, open hand techniques will be needed to gain the needed time and distance.

DRIVE IN to the attacker while drawing to increase your advantage – something which will not feel natural.

Back away as soon as possible and end the fight with shots to the thoracic cavity and head, a "triple tap" so to speak.

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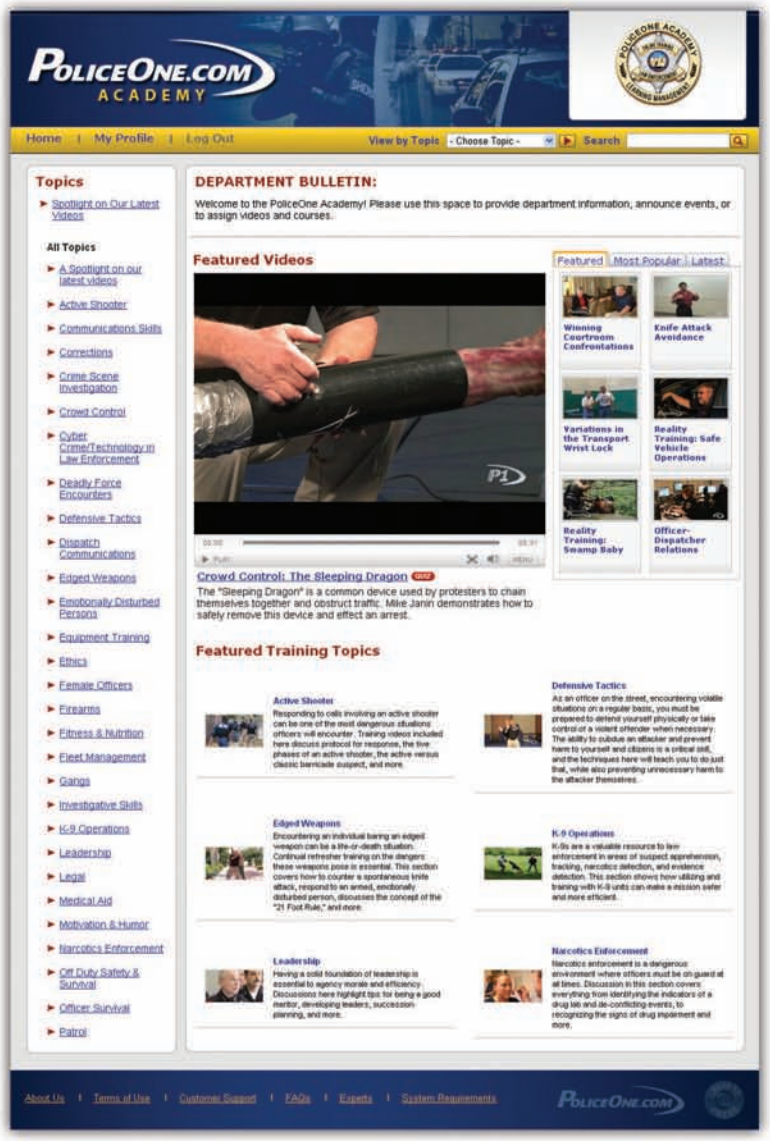

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The draw should be tight and succinct for use in confined space. It starts with the elbow bending straight to the rear, achieving a solid shooting grip, drawing the gun high, and then turning it towards the threat.

elbow folds and the hand travels to the handgun, wrapping around it in a solid shooting grip which must not vary from the moment it is drawn until it is returned to the holster. It should also be understood **that this must take no more than two seconds – regardless of what position the body is in.** Also consider that the shooter might be involved in intense hand-to-hand combat as the draw occurs which makes me wonder why anyone would want to place their bullet launching lifeline anywhere other than their strong side? In close confines, reaching across the body to a shoulder or

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The National Rifle Association's Law Enforcement Division, in conjunction with many of the leading law enforcement firearms manufacturers and other organizations, will host various Tuition-Free schools during the upcoming year. All schools will be held at the NRA Headquarters in Fairfax, VA. Registration is **only** being accepted on-line. Participants will be responsible for all other expenses. This program is an extremely popular one and, as such, the number of officers registering is quite substantial. There are a limited number of seats available, so officers are selected to attend by a **RANDOM DRAWING**. **Registration does not guarantee selection.** Should you be selected, you will be notified via phone, fax, E-mail, and/or US mail by a member of the LEAD staff approximately eight weeks prior to the school. Nonselected individuals will NOT be notified. Certain requirements may need to be met in order to attend these schools. To enter, applications will **ONLY** be accepted on-line through our Web site at **www.nrahq.org/law/training/armorerschools.asp.**

Training Date	Tuition-FREE School
June 3-4	Beretta 90 Series Pistol & PX4 Pistol Armorer
June 5	Benelli M1/M2 Shotgun Armorer
June 13	GLOCK Pistol Armorer
June 24-25	Remington 870P Shotgun Armorer
June 26-27	Bushmaster AR-15 Rifle Armorer
July 8-12	HK USP Pistol/MP5 SMG/MP5 Burst Trigger Groups Armorer
July 24	FNH MK 16 Model 0 SCAR Armorer
July 29-31	Colt AR-15/M-16 Rifle Armorer
Aug. 1-2	Colt 1911 Pistol Armorer
Aug. 13	"OFFICER DOWN!" – Lessons Learned from the Line of Duty Deaths in 2012
Aug. 27	2013 FBI Law Enforcement Officers Killed & Assaulted – Officer Safety/Street Survival Training
Sept. 10	PerSys Medical – Tactical First Aid for the Law Enforcement Officer
Oct. 7-9	Mossberg 500/590/930 Shotgun Armorer
Oct. 10-11	AR-15/M-16 Rifle Armorer
Oct. 15-16	Barrett M82A1 Rifle Armorer
Oct. 17-18	Barrett M82A1 Rifle Armorer
Oct. 22	Ruger SR-556 Rifle Armorer
Oct. 23-25	Springfield Armory XD/XDM/1911/M1A Armorer
Nov. 13	GLOCK Pistol Armorer
Nov. 14	GLOCK Pistol Armorer
Nov. 19-21	Ruger Mini-14 Rifle & LCP Pistol Armorer
Nov. 26	Active Threat Mitigation
Dec. 3-5	Simunition Instructor & Safety Certification Course

Only one on-line entry per person, per school, will be accepted. Application does NOT guarantee a slot. Selected participants will be notified after the deadline by E-mail approximately two months prior to the school. Since we receive a tremendous number of applications, we do not notify non-winners. Although the tuition is complimentary, participants will be responsible for all other expenses. NRA membership is NOT required to attend a tuition-free school. If you are selected and circumstances occur preventing your attendance, notify us immediately so we can make that slot available to someone else. Any questions, please contact Tim Cole at (703) 267-1626 or E-mail: tcole@nrahq.org.

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cross draw holster places the arm in a position where it can be easily fouled by an attacker. Also, the gun is pointed in a direction which is potentially more accessible to the attacker than the wearer.

Strong side belt carry is physiologically efficient, but where on the belt is the best location? Currently, there is a movement towards appendix carry for concealment, but it's hardly new. Like many things, what was old becomes new again and there are a number of reasons why the appendix position is worth considering. The ability to rotate the shooting hand onto the grip from a variety of start positions and get a rapid draw is the most obvious. Additionally, a rather large gun can be carried and concealed under a relatively light garment and then drawn from a variety of positions which is appealing. The downside is that the gun can become uncomfortable when seated and, after a big meal, the gun can become "too much" when carried to the side of the navel.

Nine O'clock

I prefer the direct side of the body which is what I call nine o'clock (three for a lefty). This places the gun directly under my shoulder allowing me to use the natural way the arms folds to draw the pistol with the greatest physiological efficiency. For uniform duty carry, this is THE position for carry, but, for concealment, it is more difficult to hide as it rides on the direct side of the body. Flat holsters, like those from X-Concealment Holsters & Gear LLC, NTAC and Raven Concealment Systems™, can be a real asset if you are like me and prefer this carry location. Guns worn in the natural hollow of the back above the hip are both readily accessible and easily concealed when the holster is canted, directing the grip forward. This is probably the most popular concealment location, but it does not work well for women or folks like me who have flexibility issues. Truth be told, all three of the strong side positions have advantages and disadvantages and it's up to the end user to decide which are important and which are not.

The Draw

To draw *consistently* from the strong side belt position, the hand must travel to the holstered pistol the same way each time regardless of where it begins. This may sound odd, but consider the locations your hand might be in when you decide to draw. It could be at your side as you walk; in front of your belt as you make conversation; in a chest high fending position prior to a fight; up by the head during startle or (heaven forbid) in a hands up surrender position. Trying to just shove your hand towards the gun will result in an unsuccessful draw, especially if you have a retention device holding the pistol in the holster. The easiest way to direct the hand towards the gun is to *drive the elbow to the rear and let the hand go along for the ride*. The arm starts at the shoulder rotating as the elbow is bent. The hand is attached by the forearm and can only travel in one direction if the elbow is folded straight back. Doing so results in the hand ending up at belt level. To draw from the appendix or hip position, one merely needs to turn the shooting hand. A gun carried on the side of the body allows the hand to stay in alignment with the forearm. All work well; it's just a matter of practice and preference.

To draw the gun, pull it up until the arm will not fold anymore, but without bending the upper torso to the side. This elevation is easy to recreate, making it consistent regardless of whether you are standing, sitting or supine. If lying on your back or stomach, you will likely have to rotate your upper body off the ground to gain access which is a good reason to have a strong core. Let's be honest, fighting is a physical activity, so try to stay in shape. Once the gun is out of the holster and drawn to a position next to the rib cage, the muzzle will need to be directed towards the target. There are two ways to do this consistently: immediately turn the muzzle towards the target or rotate the elbow down.

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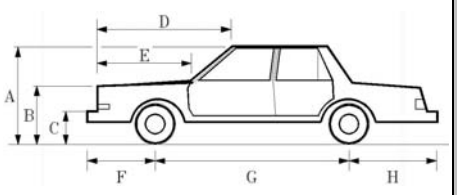

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NEWS

Supreme Court: Police Usually Must Seek Warrant in DUI Blood Tests

"A police officer out on patrol who stops a driver who seems to be drunk may not have read through four new Supreme Court opinions and counted the Justices' votes accurately, but that officer would probably do the sensible thing by getting a warrant before having the driver's blood tested without consent," Lyle Denniston, a SCOTUSblog reporter, writes in "Opinion recap: Limit on DUI blood testing."

"That would be the best thing to do because the bottom line of the court's April decision in *Missouri v. McNeely* (11-1425) was that every case will be judged on its own facts, so the officer can never know whether failure to get a warrant will scuttle a drunk driving case altogether."

The opinion recap can be found at **http://tinyurl.com/d23jbhe**.

While rotating the muzzle gets the gun directed straight forward quickly, it also "unlocks" the wrist for many people. I prefer to rotate the elbow down while keeping the wrist locked. This not only gets the gun into a weapon retention position, it also keeps the wrist locked while allowing the shooter to fire anywhere along the arc the muzzle travels, thus "zippering" a close attacker, if needed.

Bottom Line

The "Critical Space Draw" is an essential skill much like grip, trigger control or body position. It should also be understood that the draw should be the same – regardless of the distance to the attacker. It doesn't matter if the critical space is 2.5 feet or 25 yards, the draw should be succinct, fast and get the gun on target fast. How fast? It could be the rest of your life, depending on how fast you are...

About the Author: Dave Spaulding is a 34 year veteran of law enforcement and security operations. He retired with the rank of lieutenant and worked in all facets of law enforcement, including communications, corrections, patrol, court security, investigations, undercover operations, SWAT and training. He is the author of over 1,000 articles which have appeared in law enforcement and firearms publications and is the author of two best-selling books. He was named the 2010 Law Enforcement Trainer of the Year by ILEETA and Law Officer *magazine.*

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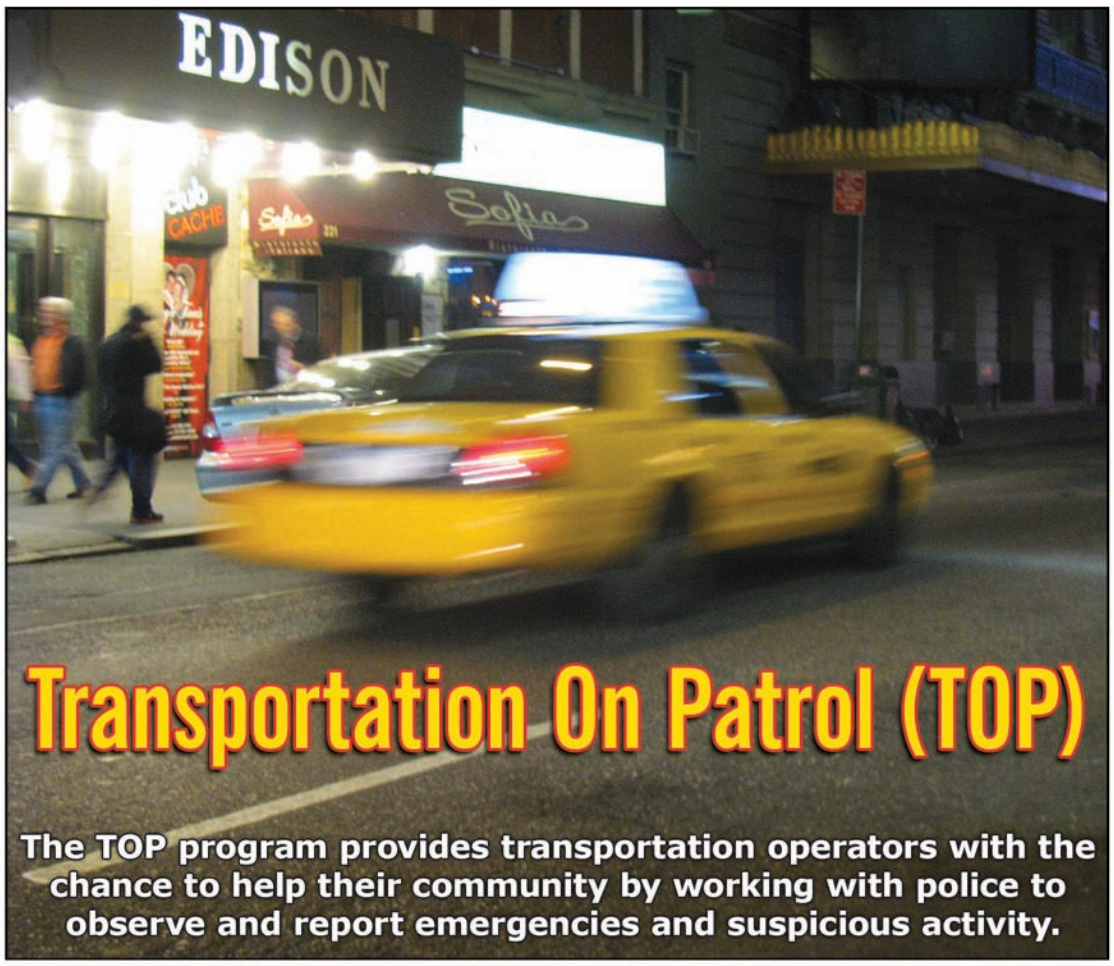

Bill Siuru, Ph.D., PE

Late at night, when crimes are more likely to happen, cop cars and taxicabs are often the only vehicles on city streets. Thus, the Taxicab, Limousine and Paratransit Association (TLPA)'s Transportation On Patrol (TOP) program trains taxicab drivers, and other "for hire" drivers, in a neighborhood watch program on wheels to assist law enforcement. TOP volunteers watch for criminal behavior, emergency situations and suspicious activity. This is reported to their dispatchers who in turn report the information to the proper authorities. Alternately, they can call 911 or a nonemergency police number on cell phones.

40 Years Ago

The TOP program is not new. The first one began in 1973 in Far Rockaway, New York. In the 1970s, 7-Eleven® stores started giving taxi drivers free coffee and access to bathrooms in exchange for using their parking lots as cabstands at night. This resulted in an 80% drop in violent incidents to cashiers in about 500 stores in New England, New York and New Jersey. Yellow Cab and the Baltimore Police Department has had a TOP program for over 20 years and a similar Cabs on Patrol program has operated in Houston since 1992.

On the very first day of the TOP program in Denver in 2011, a Metro Taxi driver (and TOP volunteer) witnessed a hit-and-run accident which killed a valet at a nightclub. The driver was able to record the license plate number of the pickup involved and the hit-and-run driver was arrested after the taxicab driver reported the license plate number. Metro Taxi's entire fleet of over 400 drivers has been trained in the TOP program, with an estimated 800-900 taxi drivers in the Denver area being TOP trained.

New and Exciting

What is new is a reenergized TOP initiative to take the program nationwide and, indeed, globally. TOP programs are already in operation in a dozen U.S. cities, including Anchorage, Atlanta, Denver, Fort Lauderdale, Little Rock and Tampa, as well as cities in Australia, Singapore and the United Kingdom. TOP is also seeking corporate sponsorships; certification from national law enforcement organizations; partnerships with federal government agencies; and engaging the national media.

Working with e-Cubed Learning, the TLPA Foundation has created online TOP Driver and TOP Operations courses. The first one trains drivers how to observe and report effectively. The second one trains fleet operations staff how to track incident reports. There is also a demonstration which gives a taste of the actual course, as well as starting a TOP program. The TOP Driver course costs $5.00 per driver and the TOP Operations and demonstration courses are free (see **www.tlpa.org**).

TOP volunteers are taught how to observe obvious signs like abandoned vehicles and broken windows on closed businesses or residences. Suspicious activities include behavior such many people entering a residence repeatedly or gathering in suspicious groups. They are taught to note the location of the incident, where the suspect was headed and how to describe the suspect in detail. Dispatchers are taught to ask questions about incident location, type of incident, emergency assistance required, and the call back number for the cab driver. Finally, drivers are told not to pursue or restrain anyone involved in an incident.

A Simple Idea

The TOP program is based on the simple idea, "If you see something, say something." Having an extra set of eyes and ears in a community is always appreciated, especially with today's more limited budgets. Just a cab with TOP stickers displayed can be a deterrent to criminals. Finally, when a TOP driver is publicly recognized for aiding in preventing a crime or helping catch a criminal, it improves the public image of taxi drivers and the

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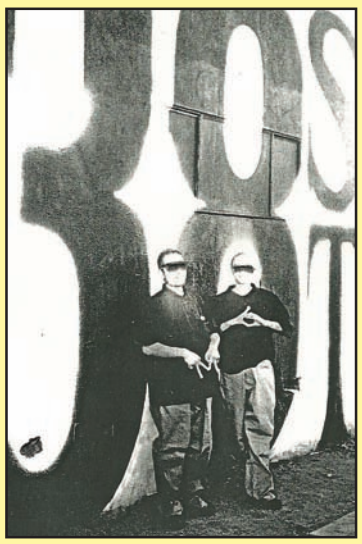
cab company.

Unfortunately, as with all worthwhile programs, there are some individuals who are against it. The taxicab drivers and company owners who do participate in this program should be highly respected as brave and caring people who do their best to make their communities a better place for all to live by assisting public safety officials. It's not always easy or comfortable to do what is right. Regardless of that, these TOP participants have the courage to help police protect the streets.

For more information, contact:

Taxicab, Limousine &
Paratransit Association
3200 Tower Oaks Blvd., Suite 220
Rockville, MD 20852
Phone: (301) 984-5700
E-mail:info@tlpa.org or
TOP@ecubedlearning.com

About the Author: Bill Siuru is a retired USAF colonel. He has a Ph.D. in mechanical engineering from Arizona State University. His military assignments included teaching engineering at West Point, commander of the research laboratory at the U.S. Air Force Academy and Director of Engineering at Wright-Patterson AFB. For the past 35 years, he has been writing about automotive, aviation and technology subjects.



Study Explores Gang Activity on the Internet

Gangs are not using the Internet to recruit new members or commit complex cybercrimes, according to a new study. "What they are doing online is typically what they are doing on the street," said David Pyrooz, an Assistant Professor at Sam Houston State University, College of Criminal Justice and coauthor of the study. "For the most part, gang members are using the Internet for self-promotion and braggadocio, but that also involves some forms of criminal and deviant behaviors."

"Criminal and Routine Activities in Online Settings: Gangs, Offenders, and the Internet," coauthored by Scott Decker, Director of the School of Criminology and Criminal Justice, and doctoral student Richard Moule of Arizona State University, was recently published online by *Justice Quarterly*. The study looks at the use of the Internet and social networking sites by gang members and other young adults for online crime and deviance.

The study was based on interviews the authors conducted with 585 young adults from five cities, including Cleveland, OH; Fresno, CA.; Los Angeles, CA; Phoenix, AZ; and St. Louis, MO. It was funded by Google Ideas, a think/do tank which explores the role technology can play in tackling human challenges, such as violent extremism, illicit networks and fragile states.

The study found that much of the online activities of gang members are typical of their age group;

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they spend time on the Internet, use social networking sites like Facebook, and watch YouTube videos. Much like what studies find in offline or street settings, their rate of committing crimes or deviant acts online is 70% greater than those not in gangs. Gang members illegally download media; sell drugs; coordinate assaults; search social network sites to steal and rob; and upload deviant videos at a higher rate than former or nongang members, the study found.

However, gang members are not engaging in intricate cybercrimes, such as phishing schemes, identity theft or hacking into commercial enterprises.

"We observe that neither gang members nor their peers have the technological competency to engage in complex forms of cybercrime," the study found. "In short, while the Internet has reached inner city populations, access alone is not translating into sophisticated technological know-how."

Gangs do not use the Internet for purposes instrumental to the group, such as recruiting new members, drug distribution, meetings or other organizational activities. Gang members recognized that law enforcement monitored their online behaviors, so they limited their discussion of gang activities on the Internet or social media sites. Only 20% of gang members surveyed said that their gang had a Web site or social media page and one third of those were password protected.

Gang members recognized the importance of the Internet, but sites were used mainly as status symbols. Instead of exploiting the Internet for criminal opportunities, YouTube, Facebook, or other social media is used much like an "electronic graffiti wall," according to the study.

One quarter of gang members said they used the Internet to search out information on other gangs and more than half watch gang-related videos online, such as fights.

"Many respondents were simply interested in gang-related fights and threats in general, finding them as entertaining as a boxing or UFC match," Pyrooz said, referring to gang-related videos on YouTube.

Law enforcement should continue to monitor and address gangs and crime online by working closely with different Web sites and ISPs, as well as investigating other forms of telecommunication, like cell phones and E-mails. In addition, they can request service providers remove images which glorify gangs or violence, or use Twitter for citizens to report crime in the community.

"Technology is part of the problem, but it is just as likely part of the solution," said Pyrooz, with regard to documenting the "digital trail" left behind, as well as prosocial opportunities.

To view the full study, visit **http://tinyurl.com/dyvc6sk**.

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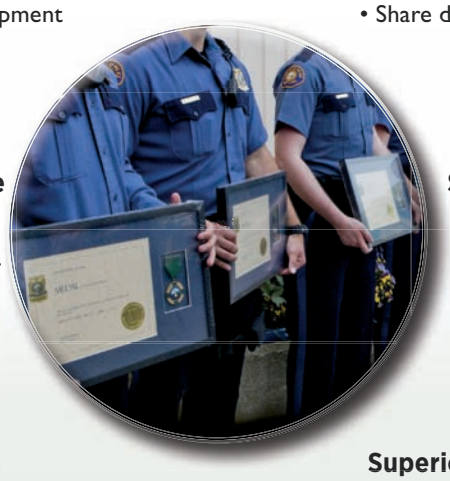

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Cutting edge technology, incorporated into a custom rifle system, can now turn (almost) anyone into a long-range marksman in minutes.

It can take years of practice and thousands of rounds of ammunition before most shooters can be considered a highly qualified sniper. Now, TrackingPoint, Inc., an applied technology company founded by John McHale (the same entrepreneur who invented DSL Internet) is offering breakthrough technology in the form of Precision Guided Firearms. These allow even an inexperienced shooter to hit targets at long range with the first shot. This is accomplished with fire control technology, like that used for guns in military jet fighters and helicopter gunships.

Digital Image Processing

When TrackingPoint's Networked Tracking Scopes are mated to a rifle, an average shooter can have sniper level accuracy. The heart of the system is the automatic ballistic computer which solves the ballistics equation to compute a firing

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This system consists of a custom bolt-action rifle by Surgeon Rifles™, networked tracking scope, guided trigger, tag button, and precision ammunition loaded by Barnes Bullets™.

solution, taking into consideration factors which affect the trajectory of a bullet. These factors include drop, the Magnus effect, spindrift, the Coriolis effect, cant, inclination, pressure, temperature, relative humidity, adaptive life cycle ballistics, muzzle velocity, barrel length and twist, lock time, ballistic coefficient, and drag coefficient. Their ballistic solution is unique and each model is refined using Doppler radar truing at extended range. The shooter calls wind and inputs it into the Networked Tracking Scope. He uses a rocker on top of the scope in half mile per hour increments in the direction the wind is blowing (right or left) relative to the barrel. The multivariable automatic ballistic calculator then accounts for the wind input along with all of the other sensor inputs.

The Networked Tracking Scope also contains a wifi server, so that you can stream video from the heads-up display to a phone or tablet, and each shot sequence which is recorded can also be downloaded to your phone with a provided mobile app.

How Does It Work?

How does it work? The shooter tags the intended target by choosing the desired impact point on the target. This is done using the scope which presents a magnified view of the target complete with crosshairs. The shooter presses a button near the trigger and a red "tag" icon appears on the desired impact point on the scope's digital display.

Then, the automatic ballistic calculator takes over to instantly compute the firing solution (represented by an X in the reticle) which will result in the bullet hitting the desired impact point when fired. The red icon stays fixed on the target as the shooter moves the rifle barrel in order to execute the computed solution and as the target itself moves – it can hit moving targets up to five to seven miles per hour and the firing solution updates 54 times per second. When the shooter pulls the trigger, the Precision Guided Firearm is armed, but will not fire until the firing solution (red X) and tag location (red dot) are optimally aligned. Then, the round is fired. At 1000 yards, most shots should hit within one MOA of the aim point – even while on the move.

The Precision Guided Firearm technology was developed by a group of Austin, TX-based engineers and shooters. Jason Schauble, featured in the video releases to date, is a retired combat decorated USMC captain with special ops experience and was formerly vice president of Remington Defense.

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Scope view seen by shooter: When the crosshairs line up with the tag on target, the rifle fires.

The scope view can also be transmitted so that it can be viewed by a smartphone app.

What's Available?

The company's initial products include shooting and hunting closed loop platforms for multiple markets which come with Surgeon Rifles™ and precision loaded conventional ammunition by Barnes® Bullets. TrackingPoint is offering three Precision Guided Firearm Systems in early 2013. The XS1 is chambered in .338 Lapua Magnum ammunition, one of the remaining candidates for new U.S. special ops sniper applications, and has an Accuracy International AX chassis. The XS2 is a smaller version of the XS1, chambered for .300 Winchester® Magnum cartridges, and the XS3 is a hunting platform in a McMillan A5 chassis, again firing 300 Winchester Magnum rounds. The prices of these rifles run in the neighborhood of $17,500 to $22,500.

You can view a YouTube video showing how this intelligent scope works at **http://www.youtube.com/watch?v=LvbyAcYjzlc**.

About the Author: Bill Siuru is a retired USAF colonel. He has a Ph.D. in mechanical engineering from Arizona State University. His military assignments included teaching engineering at West Point, commander of the research laboratory at the U.S. Air Force Academy and Director of Engineering at Wright-Patterson AFB. For the past 35 years, he has been writing about automotive, aviation and technology subjects.

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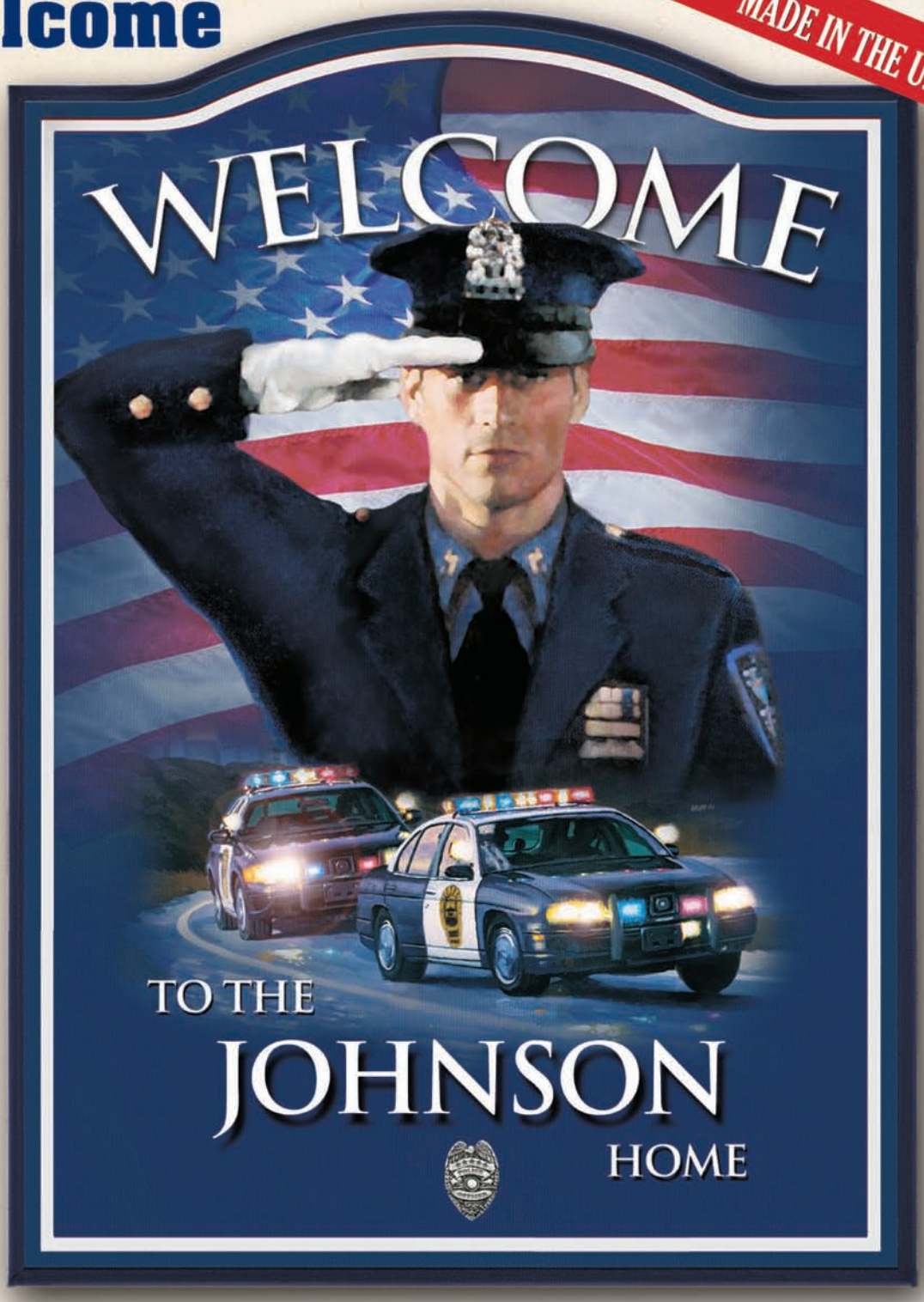

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NEWS

James City County, VA, Police Department Releases New Crime Mapping App for Citizens

James City County citizens can download the free RAIDS Online mobile app from the App StoreSM for the iPhone®, iPad® or iPod touch®.

The James City County Police Department and BAIR Analytics Inc. have partnered to provide a new way for the public to stay informed about crime in James City County. The app includes all of the key features of James City County's online crime map and allows citizens to see recent crime activity based on an address or on a citizen's current location.

RAIDS Online Mobile empowers citizens to better understand crime trends and lower crime in their area. Recent crime incidents are displayed on a map or listed on a grid. Users can click on an incident for more information or display a hot spot map based on the crimes which are currently on display. Users can also sign up for neighborhood watch reports which automatically E-mail any recent crime activity on a daily, weekly or monthly schedule. The app makes all of this information accessible anywhere from a user's mobile device.

Typically, agencies can spend thousands of dollars annually through other crime mapping providers, the James City County news release points out. BAIR Analytics offers RAIDS Online and the RAIDS Online mobile app as a free service to any law enforcement agency which wishes to participate. RAIDS Online is ad-free and BAIR does not sell the data to third-party vendors; thus, the agency remains in complete control over its data.

To learn more about this mobile app, visit the Web site at **www.raidsonline.com**.

In Search of Intelligent Life

James L. McClinton, Ph.D

WHEN THE CLERK ASKED HER IF SHE WOULD "SOLEMNLY SWEAR," SHE IGNORED THE REST OF THE QUESTION...

An 18-year-old Miami girl found out the hard way why it is not a good idea to swear at a judge during a court hearing. The teenager was in court after being arrested for illegal possession of the prescription drug Xanax®. The judge first became irritated when she laughed after he asked how much her jewelry was worth as he set bail. "We're not in a club, be serious about it," he said, before setting bail at $5,000 and saying "bye-bye" to the girl. She laughed again and replied "adios" and walked off, only to be immediately called back before the bench. After her bail was doubled to $10,000, the outraged teenager asked, "Are you serious?" to which the judge replied, "I am serious. Adios." The teenager then made a lewd hand gesture and blurted out an expletive as she walked away. The clearly aggravated judge hauled her back again and sentenced her to 30 days in jail. *(It's one thing to "finger" a suspect – it's yet another to "finger" a judge!)*

"Kids, this is why we don't leave our keys in the ignition"... Arkansas police have arrested a woman on DWI charges after she allegedly tried to flee the scene of a car accident. Initially, the 29-year-old woman crashed into a mobile home in her 2001 Pontiac Grand Am, but a local TV station reports that she then attempted to drive away from the scene in a very different vehicle: a Fisher-Price® Power Wheels® children's truck. When the owner of the mobile home went back outside after checking on his grandchildren, he said the woman was still sitting in the toy truck, "trying to drive it." Some Power Wheels models, like the Ford F150 truck, can achieve speeds of up to five miles per hour – fast enough to keep most young kids entertained, but a little slow for an effective high-speed getaway. Police described the woman as being "irate and very intoxicated" when they arrived at the scene. She is now facing several charges. *(Will she also be charged with grand theft auto?)*

Kudos to school officials for preventing yet another deranged rampage committed with lethal pastry!... A seven-year-old boy at Park Elementary School in Brooklyn Park, Maryland, was eating a strawberry Pop-Tart® when he noticed that it was starting to take on a shape he liked. "All I was trying to do was turn it into a mountain, but it didn't look like a mountain really." Before he could improve on the shape, his teacher came over. "She was pretty mad," the lad said, "and I think I was in big trouble." The problem: The teacher said he had bitten the breakfast treat into the shape of a gun. "It kinda looked like a gun, but it wasn't," the boy said, demonstrating more intelligence than his teacher. The second grader was suspended for two days and school officials sent a letter home with kids to advise parents that "a student used food to make an inappropriate gesture." *(I hate to think what he would have done with a "bear claw.")*

Does this mean they've updated the "pat down laws" in Colorado?... It is now illegal in Colorado to wear aluminum underwear. The state senator who sponsored the bill told reporters, "This is serious business." She said, "We have laws against using crowbars as theft devices, but, if you were lining your underwear with aluminum foil, that was not a crime." Don't worry, that's all changed. Why? Apparently, shoplifters found that such so-called "iron pants" allow them to sneak stolen items past antitheft scanners at store doors. The law also allows store security officers to detain people who "crackle when they walk," but provides an exception for aluminum britches worn for "personal amusement." *("Aluminum undies" worn for "personal amusement?" Oh, yeah, that's gotta be a real "turn-on"!)*

So, now they've come up with yet another way to "blow weed"?... Mexican police have confiscated an improvised cannon which they say was used to fire packages of marijuana across a border fence into California. The makeshift cannon was made of plastic pipe and powered by compressed air sourced from an old car engine, said Mexicali police. The device was able to propel cylinders packed with up to 30 pounds of pot. The cannon was discovered after U.S. officers told Mexican police that they had been confiscating a large number of drug packages which appeared to have been fired over the border. It's not the first time drug traffickers have used cannons to transport marijuana across the border. Border police said they have confiscated similar devices in recent years. *(Next up are "drone shipments.")*

The first mistake was taking this guy to the wrong hospital – it should have been one with rubber wallpaper!.... A man who was involved in an accident in Boaz, Alabama, was taken by ambulance to a nearby hospital. The man clearly had no interest in hanging around and, after a short while, persuaded the staff to let him go outside for a cigarette. Once outside, he hopped into an idling ambulance and sped away. But, morons aren't known for their intellect and he got the ambulance stuck after he ran it off the road. However, morons are known for their persistence. The man proved it by heading to a nearby barn where he tried to saddle a couple of horses. But, this didn't work out for him, so he stole an SUV which was parked nearby and ended up crashing it. He then found a second SUV to steal and managed to use it to drive himself home. The next morning, still suffering from the effects of the initial car crash, he drove the stolen SUV back to the emergency room for treatment. But, that proved to be a bad idea because the staff recognized him and he was promptly arrested. *(Imagine having to write that report!)*

Okay, you've met Sneezy – allow me to introduce you to his lovely wife Sleepy and his children Bashful, Doc, Dopey, Grumpy and Happy... A Polish fugitive led police to a secret hiding place inside his home in Pruszkow when he inadvertently gave his location away. The 49-year-old man, on the run for failure to pay child support, had dug a hole six feet deep under a table in his hallway. He covered it with a panel he'd crafted to match the rest of the wooden floor and leapt down there whenever police came looking for him, but he was caught when officers who had raided the apparently empty home heard a stifled sneeze. "At first, we couldn't figure out where it came from," said one officer. "Then, we heard another one and realized it was coming from right under our feet. After a bit of tapping and testing, we found a hollow spot and he was down there covered in cobwebs. Maybe if he'd dusted more often, he'd still be on the run," he added. *(I don't know any man who cleans his secret hiding place more than once a year.)*

Depriving law enforcement officers of such a precious commodity is like waving a red cape in the face of an angry bull!... In what must have been the most furious car chase incident in Georgia's history, Gwinnett County police pursued a suspect at speeds of up to 70 mph after he allegedly stole a Krispy Kreme doughnut. The man, who appeared to be under the influence at the time (duh), reportedly ran several red lights before cornering himself in a dead end cul-de-sac. A short foot chase ended with a K9 giving him a not so affectionate bite and the man was arrested. He was charged with three felonies, three misdemeanors and seven more traffic violations. Authorities did not say whether or not he ever got to eat the doughnut. *(If he had stolen cash, he'd probably still be a free man today!)*

Let's see: "Until death do us part." I think she's found a loophole – she's gonna nag him to death!... A 43-year-old woman in Newcastle-Under-Lyme, England, received her first AntiSocial Behavior Order (ASBO) in 1999 for berating her husband too loudly (who, one neighbor told a local newspaper, is "the sweetest man you could ever meet"). After many complaints (from neighbors and never from the husband himself), the woman was fined the equivalent of about $700 in 2010 and vowed to be quieter. The complaints hardly slowed and, in July 2012, environmental health officials installed monitoring equipment next door and caught the woman venting at her husband 47 times in three months. However, the Magistrates Court merely issued a new five year ASBO. Court officials said they should probably expect to hear more from her in the future. *(I guess love truly is blind – and deaf!)*

It looks like the federal government is doing a pretty good job of fighting serious "air pollution!"... Air travel restrictions don't seem to intimidate those who like "packing heat" and travelers continue to keep Transportation Security Administration (TSA) agents busy at passengers' carry-on bag searches. A TSA weekly summary of confiscations in January reports that 33 handguns, eight stun guns and a serrated wire garrote were among the weapons discovered. Among the highlights from 2012 were a live 40mm grenade, a live blasting cap, "seal bombs" and six pounds of black powder (with detonation cords and a timing fuse). *(Wouldn't it be nice if terrorists were stupid enough to try and take their explosives and weapons aboard in carry-on bags?)*

"Idle hands are the devil's workshop"... An Illinois newspaper reported that emergency workers were called to a Springfield church to rescue a priest who said that he had been playing with a pair of handcuffs in the rectory and accidentally got stuck. He was also wearing "some sort of gag," according to the police report. The church told reporters that the priest immediately went on administrative leave and was unable to answer questions. *(The gag was supposed to help him with his "vow of silence.")* P&SN

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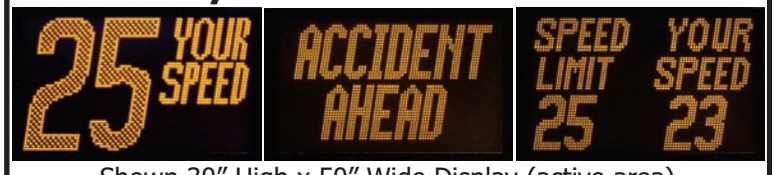

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New Technology

New Night Vision Riflescope

The **Digisight N750**, from Pulsar, is similar to its predecessor, the Digisight N550, but several elements have been improved. The overall performance has been enhanced due to upgrades to the OLED display, enhancing the resolution to 55 lines per mm which improves image quality, enhances resolution, and increases viewing range. The viewing distance has been increased and the **N750** provides the user with more variable lighting conditions compared to the N550. It is equipped with three power levels, compared to the N550's single power setting, and the magnification can be increased from 4.5x to 6.75x.

Circle 3175 for More Information

New Holster

DeSantis Gunhide® has recently introduced its latest holster, the **Ammo Nemesis®, Style #M33**, which uses the same revolutionary materials as the original Nemesis and still sticks to the user's pocket "almost like fly paper." A compartment was added which can hold extra ammunition. The **Ammo Nemesis** can carry a single magazine or a .38/.357 ammo strip to the rear of the gun compartment for small autos and revolvers.

Circle 3176 for More Information

New Lightweight Backpack

The Tacprogear **Spec Ops Assault Pack 1** is a lightweight, small-size backpack featuring the Tacprogear "MOLLE Spine" for quickly attaching an array of pouches or carabineer held items. It has a large main space (19" x 4" x 8") with double zipper pulls and two external pockets for Nalgene® bottles or gear which need to be accessed quickly. A hydration bladder pocket is also built-in for the Tacprogear H20 To Go hydration system with a 100 ounce capacity or any other equivalent hydration pack. It has external compression straps and comfortable adjustable shoulder straps.

Circle 3177 for More Information

New Concealed Holster Shirt

TRU-SPEC® is introducing the **24-7 Series® Concealed Holster Shirt**, constructed with 85% polyester and 15% spandex. The **Shirt** is designed to conceal small to medium frame handguns, but will accommodate most full-size ones as well. The dense outer mesh layer on the right and left side pockets obscures the profile of the handgun, allowing it to be completely concealed. Flat-lock seamed construction reduces friction to prevent chafing and the TRU-DRI™ moisture wicking technology and antimicrobial properties keep you dry and comfortable.

Circle 3179 for More Information

New Contraband Inspection Kit

The Sasrad **Contraband Enforcement Kit (CEK)**, from Sas R&D Services, contains leading edge equipment for cargo inspection and highway interdiction and includes all the tools required for inspecting freight, vehicles, boats, and planes. Each **kit** includes the lightweight LED "everything in the handle" articulating fiberscope with two or four way articulation, 6mm in diameter and up to 3.0m in length. Other fiberscopes are supplied for inspecting small closed areas and tires (without letting the air out). Available in basic or enhanced configurations, this **kit** is the answer to contraband search, detection and identification using optional accessories.

Circle 3178 for More Information

New 1911 Available from ATI

American Tactical Imports has introduced the **FX 45 Titan Lightweight** which weighs only 24.8 ounces empty, making it ideal for concealed carry situations. This officer's model 1911 pistol features a 3.13" barrel length, a 3 3/8" bull barrel, and an overall length of 6.93". The **Titan LW** offers a seven round capacity in .45 ACP; an ambidextrous safety; dovetail style, low profile rear sights; and was developed for either a right- or left-handed shooter.

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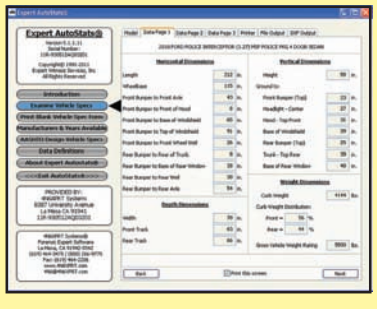

Version 5.3 Now Available

4N6XPRT Systems has begun shipping **Expert AutoStats Version 5.3** which contains 43,000+ vehicles from the late 1940s through 2013. Included is the standard length/width/height/wheelbase/weight information; most of the 1980 to present also include detail dimensions which may be of specific interest to accident investigators, such as bumper, hood, and windshield heights. **Version 5.3** is compatible with both the 32-bit and 64-bit versions of the Windows® Operating System.

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